

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

✓
.....
✓
.....
✓
.....

Checked by Chief
Approval Letter
Disapproval Letter

RMB
.....
2-4-71
.....

COMPLETION DATA:

Date Well Completed *12-12-71*

OW. ✓..... WW..... TA.....

GW..... OS..... PA.....

Location Inspected

Bond released

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CBLog..... CCLog..... Others.....

WELL NO. SHELL-UTE #1-18B5
API NO. 43-013-30058
SEC. 18, T. 02S, R. 05W
DUCHESNE COUNTY, UTAH

NOTES FROM COVER ON OLD WELL FILE:

APPROVED IN ACCORDANCE WITH RULE C-3(c).

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN

UTE 1-18B5
PLEASE KEEP ALL DETAILS OF ATTACHED
DRILLING PROGNOSIS PRIVATE AND
CONFIDENTIAL AS MARKED.

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SI
ZC

2. NAME OF OPERATOR

Shell Oil Company (Rocky Mountain Division Production)

3. ADDRESS OF OPERATOR

1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

2285' FNL and 2055' FEL Sec 18

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5 miles SW of Talmage, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

735'

16. NO. OF ACRES IN LEASE

445.86

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.No other
wells on lse

19. PROPOSED DEPTH

12,700'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6117 GL (Ungraded)

22. APPROX. DATE WORK WILL START*

2-14-71

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

As per attached drilling prognosis and certified survey plat.

Attached is a letter to the Utah Oil and Gas Conservation Commission requesting administrative approval for an exception to Utah State's spacing rules for topographic reasons.

Kind of BOP's: Series 900 and, if necessary, will install Series 1500How Frequently Tested: Operationally tested daily and press tested after nipping up on all casing strings and as deemed necessary for drilling conditions. All press tests will be recorded on Tour Sheets.

2 cc's: Oil & Gas Conservation Commission - Salt Lake w/drlg prog, plat & letter

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Original Signed By

SIGNED J. C. HOWELL

TITLE Division Petroleum Engineer

DATE Feb. 1, 1971

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. Patented		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe		
2. NAME OF OPERATOR Shell Oil Company (Rocky Mountain Division Production)			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202			8. FARM OR LEASE NAME Ute		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 2285' PNL and 2055' FEL Sec 18 At proposed prod. zone SWSE			9. WELL NO. 1-1885		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 miles SW of Talmage, Utah			10. FIELD AND POOL, OR WILDCAT No. Uinta Basin (WC)		
16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 735'		16. NO. OF ACRES IN LEASE 445.86	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4 NE/4 Section 18-T 2S-R 5W		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. No other wells on lse		19. PROPOSED DEPTH 12,700'	12. COUNTY OR PARISH Duchesne		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6117 GL (Ungraded)		17. NO. OF ACRES ASSIGNED TO THIS WELL ---		13. STATE Utah	
22. APPROX. DATE WORK WILL START* 2-14-71		20. ROTARY OR CABLE TOOLS Rotary			

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

As per attached drilling prognosis and certified survey plat.

Attached is a letter to the Utah Oil and Gas Conservation Commission requesting administrative approval for an exception to Utah State's spacing rules for topographic reasons.

Kind of BOP's: Series 900 and, if necessary, will install Series 1500How Frequently Tested: Operationally tested daily and press tested after tripping up on all casing strings and as deemed necessary for drilling conditions. All press tests will be recorded on Tour Sheets.

2 cc's: Oil & Gas Conservation Commission - Salt Lake w/drlg prog, plat & letter

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Original Signed By
SIGNED J. C. HOWELL TITLE Division Petroleum Engineer DATE Feb. 1, 1971

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

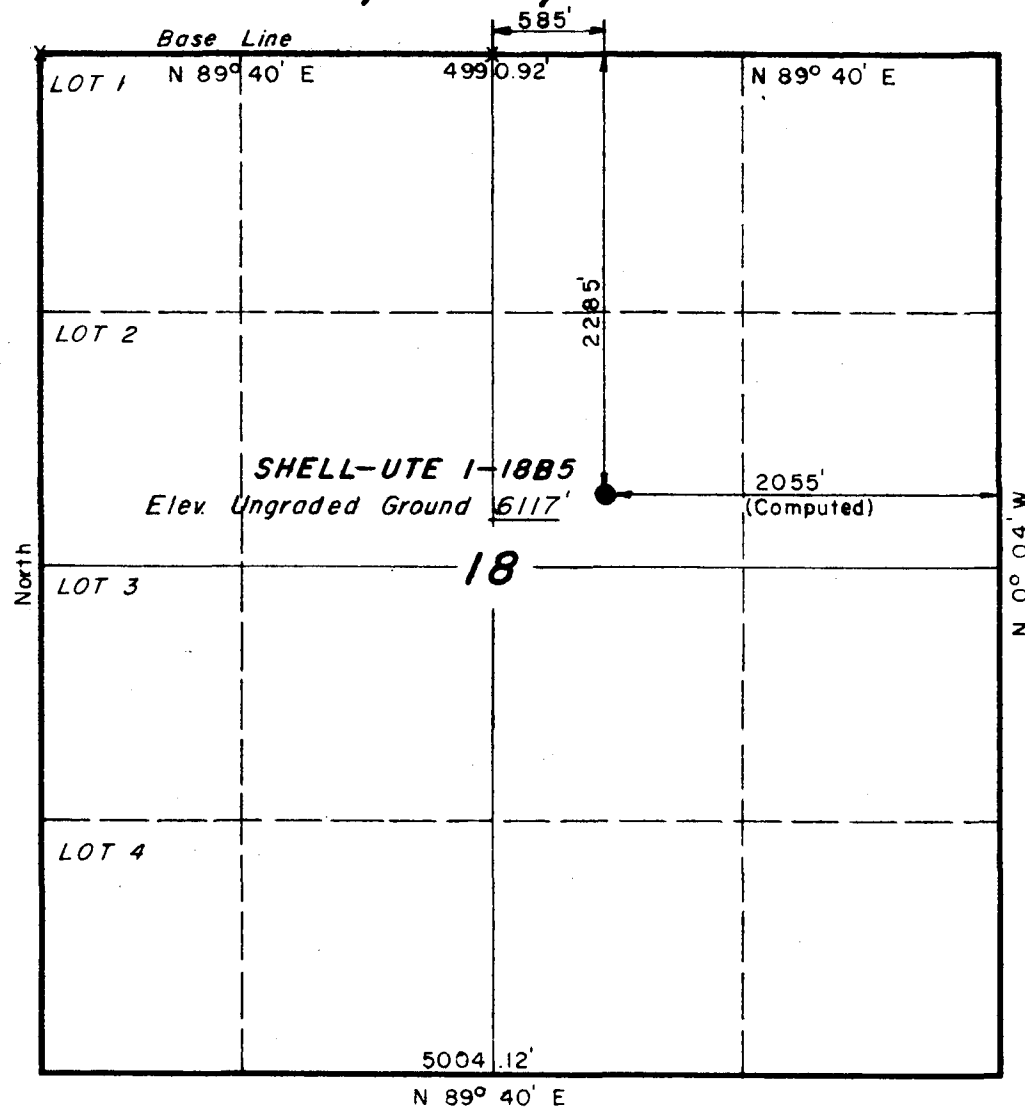
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

T2S, R5W, U.S.B.&M.

PROJECT

SHELL OIL COMPANY

Well location, *SHELL-UTE 1-18B5*,
located as shown in the SW 1/4 NE 1/4
Sec. 18, T2S, R5W, U.S.B.&M. Duchesne
County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF

Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

X = Corners located (STONE)

UINTAH ENGINEERING & LAND SURVEYING
P O BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 29 Jan., 1971
PARTY G.S. L.D.T. H.M.	REFERENCES GLO Plat
WEATHER Cool	FILE SHELL OIL CO.

DRILLING WELL PROGNOSIS

WELL NAME Ute Unit 1-18B5
 TYPE WELL Exploratory
 FIELD/AREA Northern Uinta Basin

**PRIVATE AND
CONFIDENTIAL**

APPROX. LOCATION (SUBJECT TO SURVEY) SE NE Sec. 18-T2S-R5W

EST. G. L. ELEVATION 6,120 PROJECTED TO 12,700 OBJECTIVE Wasatch

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
24"	20"		1 1/2°	(30-40' of 26" with dry hole digger) 200'	SAMPLES: 30' surface to 2800' 10' 2800' to TD As requested 5' CORES:
		DIL	1°	1000'	500' to be taken as warranted DST'S: 10 - as warranted DEVIATION CONTROL Max rate of change not to exceed 1 1/2° per 100 foot interval.
17 1/2"	13 3/8"	two-man logging unit	1°	4500'	CEMENT See Casing Design
		DIL, FDC/GR/A, BHC/AC/CAL, PML, SNP	1°	7000 (+1880)	MUD <u>Water</u>
			1000'	Green River Zone 3 8470 (-2350)	As deep as possible up to 8000'
				Wasatch 10,000 (-3880)	<u>Gel-Chem and Weighted</u> <u>Gel-Chem</u> 8000' to T.D. See "mud program" for additional details.
12 1/4"	9 5/8"		1°	10,500'	
8 5/8" As req'd		As Above	1000'	TD 12,700'	

ORIGINATOR RSL, DES

DATE 1/26/71

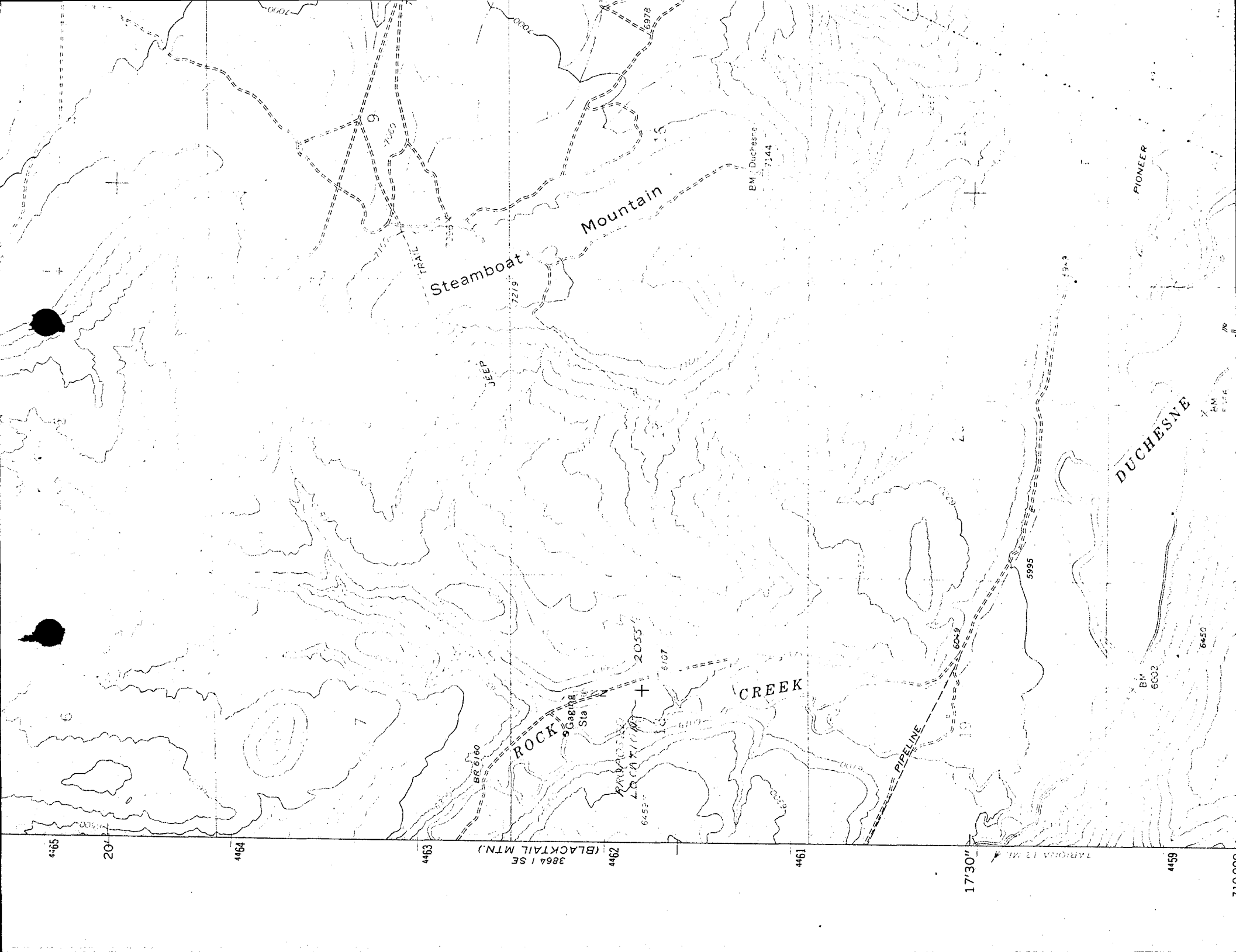
ENGINEERING APPROVAL [Signature]

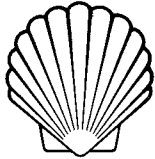
OPERATIONS APPROVAL:

EXPLOITATION [Signature] 1/27/71

MECH. [Signature] 1-27-71

V F Ferry
DIV. DRILLING SUPT.





SHELL OIL COMPANY

1700 BROADWAY
DENVER, COLORADO 80202

February 1, 1971

Subject: Shell - Ute 1-18B5
2285' FNL and 2055' FEL
Section 18-T2S-R5W
Duchesne County, Utah

State of Utah
Department of Natural Resources
Division of Oil and Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Attention Mr. Cleon B. Feight

Gentlemen:

The attached application for a drilling permit for Shell - Ute 1-18B5 specifies a location which does not meet the requirements of Rule C-3, of your state-wide spacing rules. This exception location will permit us to avoid filling and relocating an intermittent stream bed and is the site within the northeast quarter of Section 18 which will require the least amount of earth moving and surface disturbance. Shell owns full leasehold interest on all lands within a 660-foot radius of the proposed wellsite.

Shell Oil Company respectfully requests approval of this exception location for topographic reasons under the provisions of Rule C-3(c) of the state-wide spacing rules.

Yours very truly,

R. A. Flohr
for: R. A. Flohr

Division Production Manager
Rocky Mountain Division

ABN:ljd

Attachments

cc: United States Geological Survey
125 South State Street
8416 Federal Building
Salt Lake City, Utah 84111

Copy

February 4, 1971

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Well No. Shell-Ute 1-18B5
Sec. 18, T. 2 S, R. 5 W,
Duchesne County, Utah
API NO. 43-013-30058

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well on said unorthodox location is hereby granted in accordance with Rule C-3 (c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL-Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

This approval terminates within 90 days if the above referred to well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation with regard to completing these forms will be greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
cc: U.S. Geological Survey

Conf.

May 6, 1971

MEMO FOR FILING

Re: Shell Oil Company
Shell-Ute 1-18B5
Sec. 18, T. 2 S, R. 5 W,
Duchesne County, Utah

On April 27, 1971, the above referred to well site was visited.

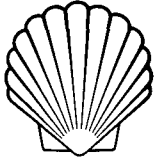
Met with the driller, Mr. Curtis McCurry, and a safety inspection was made of the Brinkerhoff Drilling Company's rig #41. The overall check was considered excellent.

At the time of the visit, they were drilling at 6397' and no problems were being encountered. Also, the rig and its' associated equipment was in good shape. It should be noted that recently a serious accident had resulted when one of the driller's helpers, Mr. J.C. Valentine, was injured in the chest when a joint of casing rolled over and caught him between the casing **rack** and walk.

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:sd

cc: U.S. Geological Survey



SHELL OIL COMPANY

1700 BROADWAY
DENVER, COLORADO 80202

February 14, 1972

Mr. Cleon B. Feight
State of Utah
Department of Natural Resources
Division of Oil and Gas
1588 West North Temple
Salt Lake City, Utah 84116

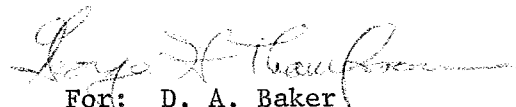
Dear Mr. Feight:

Recently the Division of Oil and Gas was shipped a number of electric logs from recent Shell wells in Utah. Of these, we would appreciate that two wells be held confidential. These confidential wells are:

1. Shell, Ute 1-18B5
Section 18, T 2 S, R 5 W, U.S.M.
2. Shell, Christensen 1-33A5
Section 33, T 1 S, R 5 W, U.S.M.

Thank you for your assistance in this matter.

Yours very truly,


For: D. A. Baker
Division Exploration Manager
Rocky Mountain Division

"Plug back"

Alma

Shell - al Noble

Craig Yankirk - 11/3/71

4th

1-18 B 5

Logging (some)

T.D. 17273 - In Pretension
(within 200' of top)

① 100 ft on bottom ~ 300'?

② 14780 - 100 ft on 300'?

7.5" ϕ 14780 at
liner face of
liner

No ϕ between liner
and T.D.

No shows

③ Will ~~test~~
most likely test
upper zones 1100

PMP

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute

9. WELL NO.

1-18B5

10. FIELD AND POOL, OR WILDCAT

No. Uinta Basin (WC)

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASW/4 NE/4 Section 18-
T 2S-R 5W12. COUNTY OR
PARISH

Duchesne

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

v Shell Oil Company (Rocky Mountain Division Production)

3. ADDRESS OF OPERATOR

1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2285' FNL and 2055' FEL Sec 18

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 3-17-71	16. DATE T.D. REACHED 11-4-71	17. DATE COMPL. (Ready to prod.) 12-12-71	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6080 GL, 6104 KB	19. ELEV. CASINGHEAD 25.65'
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20. TOTAL DEPTH, MD & TVD 17,273	21. PLUG, BACK T.D., MD & TVD 13,800	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS Total	CABLE TOOLS
-------------------------------------	---	--------------------------------------	----------------------------------	-----------------------	-------------

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Green River-Wasatch 12,601-13,659

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-SP, Int BHCS-GR w/cal, SNP-GR w/cal, PML,
FDC/GR/Cal, and WL Diff Log

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	96#	240	26"	630 SX	0
13 3/8"	48#	4,546	17 1/2"	2500 SX	0
9 5/8"	47#	10,631	12 1/4"	640 SX	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7 5/8"	10,342	14,780	2,000				

31. PERFORATION RECORD (Interval, size and number)

As per attachments

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.*

PRODUCTION

DATE FIRST PRODUCTION 12-12-71		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1-5-72	HOURS TESTED 24	CHOKE SIZE 10/64"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 1077	GAS—MCF. Est 1500	WATER—BBL. 0	GAS-OIL RATIO 1393
FLOW. TUBING PRESS. 2300	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL—BBL. 1077	GAS—MCF. Est 1500	WATER—BBL. 0	OIL GRAVITY-API (CORR.) 43.7°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Well Log and History and 7 5/8" liner detail

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Original Signed By J. C. HOWELL TITLE Division Operations Engr. DATE March 3, 1972

*(See Instructions and Spaces for Additional Data on Reverse Side)

2 cc's: Oil & Gas Conservation Commission - Salt Lake City w/attachments

GIL WELL
SHELL OIL COMPANY
FROM: 3-17-71 - 1-6-72

LE	SHELL-UTE	WELL NO.	ALTAMONT
DIVISION	ROCKY MOUNTAIN	ELEV	1-18B5
COUNTY	DUCHESNE	STATE	6104 KB
			UTAH

UTAH

NO. UINTA BASIN

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test

"FR" 43/126/1/43. Drilling.
Located 2285' FNL and 2055' FEL Section 18-T2S-R5W,
Duchesne County, Utah.
Elev: 6117 GL (Ungraded)
12,700' Wasatch Test
Drilling Contractor - Brinkerhoff Drlg Co.
Shell Working Interest - 100%
The Shell Ute 1-18B5 is an Exploration Department wildcat
scheduled to test the productive intervals of the Altamont
and Cedar Rim Fields. This test is Shell's westernmost
wildcat well in the Northern Uinta Area. The casing program
is designed so that the well may be deepened to the
Cretaceous if so desired.
Spudded 3 a.m. 3/17/71. KB-GL 23.7'.
Mud: 8.5 x 80. MAR 17 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test

108/126/2/65. Drilling boulders. Dev: $\frac{1}{40}^{\circ}$ @ 63'. MAR 18 1971
Mud: 8.5 x 250.

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test

330/126/3/222. Drilling. Dev: $\frac{1}{2}^{\circ}$ @ 130, $\frac{1}{4}^{\circ}$ @ 200, 255,
& 315. MAR 19 1971
Mud: 9.4 x 250.

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
20" Csg at 240'

346/126/6/16. Flanging up rotary head and air separator.
Opened hole from 17 $\frac{1}{2}$ " to 26" - from 37'-240'. Ran and cmt 6
jts 94# H-40 buttress 20" csg at 240' w/630 sx neat blended
w/2% CaCl₂. Used 30 bbls preflush (wtr). Full cmt returns
to sfc. CIP 3:30 p.m. 3/21/71.
Mud: 9.5 x 220. MAR 22 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
20" Csg at 240'

448/126/7/102 Drilling 17 $\frac{1}{2}$ " hole. Dev: $\frac{1}{4}^{\circ}$ at 400 and
 $\frac{1}{2}^{\circ}$ at 460. Flanged up 20" rotating head and separator.
Mud gradient - .432 MAR 23 1971
Mud: 8.3 x 29 (Areated lime water)

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
20" csg at 240'

947/126/8/499. Drilling. Dev: $\frac{3}{4}^{\circ}$ at 538, $\frac{1}{4}^{\circ}$ at 600,
632 and 695, 1° at 750, $\frac{1}{4}^{\circ}$ at 812, 1° at 870, $\frac{3}{4}^{\circ}$ at 930.
Mud: 8.4 x 29 MAR 24 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
20" Csg at 240'

1315/126/9/368. Drilling. Dev: 1° @ 1220, $\frac{3}{4}^{\circ}$ @ 1000,
 $\frac{1}{2}^{\circ}$ @ 1090.
Mud: 8.4 x 29. MAR 25 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
20" Csg at 240'

1752/126/10/437. Drilling. Dev: 1° @ 1305 and 1400, and
½° @ 1524. MAR 26 1971
Mud: 8.4 x 27.

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
20" Csg at 240'

2494/126/13/742. Tripping. Dev: ½° @ 2338.
Hole making water in proportion of amt of air injected; would
not circ. Broke circ and repaired fillup line valve.
Mud: 8.4 x 28 MAR 29 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
20" Csg at 240'

2637/126/14/143. Drilling.
Balanced water w/air and hole is not making wtr currently.
Mud: 8.4 x 28. MAR 30 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
20" Csg at 240'

2805/126/15/168. Drilling. Dev: ½° at 2620.
Lost approx 150 BW. MAR 31 1971
Mud: 8.4 x 27.

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
20" Csg at 240'

3060/126/16/255. Drilling. Dev: ½° @ 2997.
Mud: 8.4 x 27. APR 1 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
20" Csg at 240'

3282/126/17/222. Drilling. Dev: 3/4° @ 3230.
Mud gradient .436 APR 2 1971
Mud: 8.4 x 27

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700 Wasatch Test
20" csg at 240'

3773/126/20/491. Drilling. Dev: ½° @ 3415, 1½° @ 3640.
Found cracked box on bottom DC; cracked pin on 2 8" DC's
and crossover sub. Started having fill after connection
@ 3715. APR 5 1971
Mud: (.436 gradient) 8.4 x 28.

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
20" Csg at 240'

3803/126/21/30. Drilling.
Pulled 4 stds @ 3803 and pumped wtr out of reserve pit into
formation. Went to btm and resumed drlg, 20' of fill on btm.
Hole in good condition.
Mud: (gradient .436) 8.4 x 28. APR 6 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
20" Csg at 240'

3875/126/ 22/72. Drilling.
Drilling @ 3875 extremely rough, probable fractures. Hole
in good condition - 15' of fill after trip. Reamed tite
hole 3580-3647. APR 7 1971
Mud: (gradient .436) 8.3 x 28.

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
20" Csg at 240'

3989/126/ 23/114. Drilling. Dev: $3/4^{\circ}$ @ 3840.
Mud: (gradient .436) 8.4 x 28. APR 8 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
20" Csg at 240'

4494/126/ 27/505. Drilling. Dev: 2° @ 4034, $1/2^{\circ}$ @ 4165.
Changed BHA. Reamed from 3539-4071'. APR 12 1971
Mud: (gradient .436) 8.3 x 28.

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
20" Csg at 240'

4550/126/ 28/56. Running 13 3/8" casing.
Drld to 4550. Circ hole clean. Ran DIL Int BHCS/GR/Cal.
Mud: (gradient .436) 8.3 x 28. APR 13 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" csg at 4546'

4550/126/29/0. WOC.
Ran (1133.75') S-80 and (3406.52') K-55 13 3/8" 48# ST&C casing
cmt'd w/shoe at 4546' KB w/collar at 4464'. DV Collar at 1020'.
1st stage cmt w/500 sx RFC w/ $1/4$ #/sx Celloflake. Tail in w/500
sx Neat w/1% Flac, 4#/sx D-82. Waited 4 hours. Cmt'd 2nd
stage w/1500 sx RFC cmt w/ $1/4$ #/sx Celloflake. Circ and filled
annulus. Tagged top of cmt at 299'. Ran $1 1/4$ " EUE tbg to 299'.
Cemented to sfc w/400 sx Neat cmt blended w/ $1/4$ #/sx Celloflake.
CIP @ 7:15 a.m. 4/14/71. APR 14 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" csg at 4546'

4550/126/30/0. Waiting on cement & flanging up.
Flanging up 13 3/8" 5,000 stack and rotating head. APR 15 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" csg at 4546'

4550/126/31/0. Flanging up. APR 16 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" csg at 4546'

4684/126/34/134. Drilling.
Mud: (gradient .436) 8.3 x 28. APR 19 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
14,700' Wasatch Test
13 3/8" csg at 4546'

4876/126/35/192. Drilling. Dev: $1/2^{\circ}$ @ 4708.
Lost 800 bbls mud from 4808-4858. Now drlg w/full returns.
Mud: (gradient .447) 8.6 x 32 x 25. APR 20 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" Csg at 4546'

5128/126/36/252. Drilling. Dev: 10° N 18° W @ 4954.
Lost approx 500 bbls of mud. APR 21 1971
Mud: 8.6 x 32 x 12.8.

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" Csg at 4546'

5345/126/37/217. Drilling. Dev: $1\frac{1}{4}^{\circ}$ N 61° W @ 5225'.
Mud: 8.7 x 31 x 12.4 APR 22 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" Csg at 4546'

5456/126/38/111. Drilling. Magnafluxed DCs; found 1 cracked box
Mud: 8.7 x 33 x 14.8. APR 23 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" csg at 4546'

6122/126/41/666. Drilling. Dev: $\frac{1}{2}^{\circ}$ at 5730 N15 $^{\circ}$ W.
Adding 3-4 sx sawdust per hour. Lost approx 500 bbls mud
@ 6,000'. Hook load 190,000.
Mud: (gradient .457) 8.8 x 31 x 11.8 APR 26 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" csg at 4546'

6310/126/42/188. Drilling. Dev: 1° at 6143 S40 $^{\circ}$ W.
Mud: (gradient .458) 8.8 x 31 x 12.2 APR 27 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" csg at 4546'

6602/126/43 /292. Drilling.
Lost 250 bbls mud @ 6375'.
Mud: (gradient .458) 8.8 x 30 x 13.8 APR 28 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" csg at 4546'

6715/126/44/113. Drilling.
Lost 500 to 700 bbls @ 6686. Tried to circ w/LCM
unsuccessful. Pulled 7 stands. Broke circ and ran
to bottom. Circ w/full returns.
Mud: (gradient .447) 8.6 x 38 x 12.8 APR 29 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" csg at 4546'

6938/126/45/223. Drilling.
No mud lost.
Mud: (gradient .457) 8.8 x 35 x 10 APR 30 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" Csg at 4546'

7386/126/47/448. Drilling.
Mud: (gradient .457) 8.8 x 34 x 11.6. MAY 3 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" Csg at 4546'

7524/126/49/38. Drilling.
Mud: (gradient .457) 8.8 x 39 x 11.2 MAY 4 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" Csg at 4546'

7674/126/50/150 Drilling.
Mud: (gradient .457) 8.8 x 33 x 11.8. MAY 5 1971

Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 13 3/8" Csg at 4546'	7795/126/51/121. Drilling. No mud lost. Mud: (gradient .463) 8.9 x 35 x 11.2. MAY 6 1971
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 13 3/8" Csg at 4546'	7945/126/52/150. Drilling. No mud lost. MAY 7 1971 Mud: (gradient .463) 8.9 x 35 x 10.8.
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 13 3/8" Csg at 4546'	8245/126/55/300. Drilling. Dev: 2 $\frac{1}{2}$ [°] N 25 [°] W at 7982, 2 $\frac{1}{4}$ [°] S 15 [°] W at 8153. On 5/8, lost 20 bbls mud in fractures at 8035. Laid down 3 DC's, 2 pins, and 1 box cracked. MAY 10 1971 Mud: (gradient .463) 8.9 x 35 x 11.6.
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 13 3/8" Csg at 4546'	8390/126/56/145. Drilling. Mud: (gradient .463) 8.9 x 33 x 10.8. MAY 11 1971
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 13 3/8" Csg at 4546'	8560/126/52/170. Drilling. No mud lost. MAY 12 1971 Mud: (gradient .463) 8.9 x 35 x 10.6.
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 13 3/8" Csg at 4546'	8718/126/58/158. Tripping. Mud: (gradient .463) 8.9 x 34 x 10.4. MAY 13 1971
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 13 3/8" csg at 4546'	8864/126/59/146. Drilling. Dev: 2 $\frac{1}{4}$ [°] S 15 [°] W at 8700'. Changed corrosion rings. Checked BOP's. Mud: 8.9 x 33 x 10.4 MAY 14 1971
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 13 3/8" Csg at 4546'	9458/126/62/594. Drilling. No mud lost past 24 hrs as of 5/15/71. Mud: (gradient .463) 8.9 x 33 x 10. MAY 17 1971
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 13 3/8" Csg at 4546'	9648/126/63/190. Drilling. No mud lost past 24 hrs. Mud: 8.8 x 33 x 10.4 MAY 18 1971
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 13 3/8" Csg at 4546'	9853/126/64/205. Drilling. No mud lost. MAY 19 1971 Mud: 8.9 x 33 x 10.8.

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" Csg at 4546'

9860/126/65/7. Conditioning hole for DST No. 1. Dev: 3 3/4°
(535'W) @ 9860. MAY 20 1971
Mud: (gradient .463) 8.9 x 39 x 10.8 (Oil trc).

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" Csg at 4546'

9860/126/66/0. Laying down test tools.
DST No. 1 9709-9860 -(No WC)
Initial op 5 min. Strong blow throughout. ISI 90 min.
FF 35 min. Wtr to sfc in 35 min. Rec'd 160 bbls muddy wtr.
Press's details.
Mud: (gradient .463) 8.9 x 42 x 10.2 (Oil trc). MAY 21 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" Csg at 4546'

10,040/126/69/180. Running DST No. 2
Press details on DST No. 1
Inside Recorder at 9689
IHP 4530, IFP 1636-2614, ISIP 4321 (stabilized),
FFP 3450-4296, FSIP 4317, FHP 4493.
BHT - 174°F.
Mud: (gradient .468) 9 x 41 x 10.4 MAY 24 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" Csg at 4546'

10,040/126/70/0. Tripping out w/DST No. 2.
DST No. 2 9,985-10,040 (No wtr cushion)
Op 5 min, weak blow inc to strong in 2 min.
ISI 120 min. GTS in 15 min. Final open 90 min.
Final SI 300 min.
Gas rates as follows:
Max gas rate - 164 MCF/D on 3/8" chk after 45 min of final
flow.

<u>Time (Min)</u>	<u>Rate (MCFPD)</u>
5	48.8
10	107
15	132
20	140
25	150
30	155
35	158
45	164

Lost approx 35 bbls mud slowly during test (above pkrs)
Formation broke down after reversing approx 15 bbls of
very heavily gas-cut oil and rat hole mud.
Lost complete returns.

Press details later.

Completed DST No. 2 - pulled pkrs loose. Pulled 16 tight
stands and staged out in 10 stand intervals w/100 bbl slugs.
Regained partial returns at 11 p.m., 46 stands off btm. Total
lost circ - 840 bbls.

Mud: (gradient .468) 9 x 37 x 16.5. MAY 25 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" Csg at 4546'

10,040/126/71/0. Mixing mud and LCM.
Addition to DST No. 2 detail as follows:
Recovery: 5 bbls SMC and HGCO, 35 bbls HGCO
Sample Chamber contained: 800 cc's blk oil
2.24 CF gas at 350 psi

Pressures: (recorder at 9991')
IHP 4763, IFP 366, ISIP 3559, FFP 457-585, FSIP 2683,
FHP 4763.
BHT - 165°F.

Note: Recoveries are very questionable due to lost circ problems while reversing.

Made trip out w/test tools. Picked up drlg assembly and ran in to shoe (4500'). Broke circ and cond mud. Staged DP in hole slowly in 10 stand intervals breaking circ and cond mud. Lost 150 bbls at 4721. Drld bridge from 8820-8905. Ran 5 stds. Drld bridge from 9365-9385 - lost circ. Pulled 10 stds to 8485' - 50% returns. MAY 2 6 1971
Mud: 9 x 36 x 14.4.

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" Csg at 4546'

10,040/126/72/0. Circ & cond mud and hole @ 9212. Circ @ 8485 partial returns. Pulled out to 4500'. Circ out. Reduce mud wt and mix LCM. Stage in hole circulating out every 10 stds. Drld bridge @ 9078-9108'. Circ out. Circ @ 9108' w/full returns.
Mud: (gradient .457) 8.8 x 38 x 14.4 MAY 2 7 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" Csg at 4546'

10,040/126/73/0. Reaming & washing to btm. Washing & reaming heaving shale 9212-9675. Washed through bridge. Circ out. No mud lost in past 24 hrs.
Mud: (gradient .457) 8.8 x 52 x 6.8 (LCM 18%). MAY 2 8 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" Csg at 4546'

10,371/126/77/33. Tripping to chg bit. On 5/28/71 washed & reamed to btm, 9675-10,040. Drld w/full returns. On 5/29/71 lost 100 bbls mud at 10,200'. On 5/30/71 lost 150 bbls mud in past 24 hrs. Ran csg inspection log. On 5/31/71, washed out bridge @ 9844'. Broke circ @ 4500 & 7500. Reamed & washed to btm. No mud lost in past 24 hrs.
Mud: (gradient .457) 8.8 x 44 x 7.4 (Oil trc). JUN 1 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" Csg at 4546'

No report. JUN 2 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" Csg at 4546'

10,535/126/79/164. (2 day drlg report) Drilling. Dev: 3 1/4" @ 10,371, S80E. On 6/1, circ at 4500 and 7500. Lost 50 bbls mud at 10,395 and 30 bbls at 10,408. Had 270 units gas at 10,395. JUN 3 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" csg at 4546'

10,620/126/80/85. Drilling.
Mud: 9.0 x 41.

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
13 3/8" csg at 4546'

10,643/126/83/23. Running 9 5/8" csg. Dev: 3 1/2° at 10,643.
Ran logs as follows: BHC Sonic/Gr/Cal, DIL/SP, FDC/GR/Cal,
SNP/GR/Cal & Pml. Attempted 4 core slices. Details later.
Mud: (gradient .473) 9.1 x 46 x 7 (Oil Trc) JUN 7 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg @ 10,631'

10,643/126/84/0. Installing BOPE.
Tripped out after circ & cond mud. Ran 261 jts
(10,648.65') 9 5/8" 47# LT&C csg. set @ 10,631.
Lost returns while running and would not circ.
(Hall) Put 5 bbls wtr ahead of btm plug & 5 bbls
behind. Mixed 219 sx 50-50 poz, 2% gel, 16% NaCl,
.75% CFR2, .3% HR4. Mixed 201 sx Class "G", 16% NaCl,
1% CFR2, .3% HR4, .125 lb/sx nylon fiber. Bumped
plug w/1800 psi. Held okay. Cmt'd through Baker Model
"G" DF collar @ 10,553 and guide shoe @ 10,631.
Mud: No mud details. JUN 8 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg at 10,631'

10,643/126/85/0. Trip out.
NU BOPE. Picked up DC's. Ran in DP open ended w/rubbers.
Tagged green cmt @ 9355, 1276' cmt in csg.
Mud: No mud details. JUN 9 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg at 10,631'

10,643/126/86/0. Drilling out cmt.
Drld 655' cmt from 9314-9969.
Cut 4 core slices as follows:
(1) 10,399-402 Rec'd 2" Ss, f-m, gry-brn, uniform
blk-brn O/S, pale dull gold
nat fluor, stm gold cut fluor
(2) 10,312-315 Rec'd 2" Ss, f-m, gry, unif blk-brn O/S,
uniform nat yell fluor, lt yell
stm cut fluo
(3) 10,005-008 Rec'd 2" Ss, vf, gry, silty, calc, N/S
(4) 10,441-444 Rec'd 18" Ss, f gr, wh-gry, well sorted
calc, tite, pyritic, N/S in
matrix. Sli pale yell nat fluor on
frac. No cut, probably calcite
mineral fluor.

Mud: water. JUN 10 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg at 10,631'

10,643/126/87/0. Trip out w/csg scraper.
Drill cmt to collar & circ. Closed preventer and circ
through collar & shoe. Drld collar, void in shoe joints.
Trip out, picked up Baker scraper. Tripped in w/drill
shoe & trip out for Baker Model "K" drillable cmt
retainer. JUN 11 1971
Mud: Water

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg at 10,631'

10,729/126/90/86. Tripping out.
On 6/12,, set Baker Model "K" drillable cmt ret @ 10,608.
Pressure tested plug & csg. to 1000 psi. Stung into plug
pump in 200 bbls mud - no returns. Put 10 bbls water
ahead of 170 sx Hal light cmt and tailed in w/210 sx
Neat Class "G" w/1% CFR-2. Displaced w/178'/2 bbls mud.
Pulled dry. No apparent pressure buildup while displacing.
CIP at 2:00 p.m. 6/12/71.

On 6/13, pulled out after cmt'd through retainer. Waited
on cmt 19 hrs. Hooked up Hal to 9 5/8 x 13 3/8" csg
annulus. Filled annulus w/wtr and established flow rate
and pressure. (2 bbls/min @ 300 psi) Mixed 260 sx 50-50
pozmix and pumped into annulus. Initial pressure 300 psi,
final pressure 50 psi. Calculated annular fill 920'.
Began drlg cmt above retainer after 24 hrs. Due to
areated mud, under displaced cmt through retainer. Tagged
cmt. 178' above retainer (13 bbls). Drld retainer and
remaining cmt. Tested csg rams w/2000 psi, ok. Tripped
out, picked up jk sub and new bit to clean up remaining
pieces of retainer.

Mud: (gradient .457) 8.8 x 34 x 8.4

JUN 14 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg at 10,631'

10,860/126/91/131. Drilling.

Mud: (gradient .474) 9.1 x 40 x 8.8

JUN 15 1971.

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg at 10,631'

10,986/126/92/126. Tripping. Dev: 3° at 10,986 S 15° E

Mud: (gradient .474) 9.1 x 39 x 7.2 (Oil Trc)

JUN 16 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg at 10,631'

11,103/126/93/117. Drilling.

JUN 17 1971

Mud: (gradient .479) 9.2 x 38 x 7.6 (Oil Trc)

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg at 10,631'

11,173/126/94/70. Drilling.

Approx 1½ cups junk rec'd out of junk sub - pieces
of cmt retainer and buttons. Bit #45 almost coned out-
90% of inserts lost or broken.

Mud: (gradient .480) 9.2 x 39 x 6.8 (Oil Trc)

JUN 18 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg at 10,631'

11,410/126/97/237. Drilling.

Mud: (gradient .484) 9.3 x 37 x 7.6

JUN 21 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg at 10,631'

11,545/126/98/135. Drilling.
Circ up - drlg break at 11,521-11,533. Gas increased
from 2 units to max of 2300 units. Penetration rate
increased from 8.15 min/ft to 4.7 min/ft. Sharp
gas increase, good fluor, and good cut. JUN 2 2 1971
Mud: (gradient .484) 9.4 x 36 x 8.8

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg at 10,631'

11,576/126/99/31. Tripping out w/test tool. Dev: 3°S
15°W at 11,576.
Attempted DST No. 3 11,516-11,576. Three pkrs failed
to hold. 3000' WC. Tripped out for drlg assembly to
clean out and cond for retest. JUN 2 3 1971
Mud: (gradient .499) 9.6 x 40 x 7.4 (Oil 1%)

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg at 10,631'

11,583/126/100/7. Tripping in for DST No. 4.
Mud: . 9.6 x 41 x 7.6 (Oil 2%) JUN 2 4 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg at 10,631'

11,583/126/101/0. Drilling.
DST No. 4 11,426-11,583 (Johnston)
(3 pkrs) (3,000' WC)
IF 11 min, ISI 60 min
FF 28 min, FSI 180 min
Pkrs leaked slowly during final flow and final shut in
(7 bbls mud total)
Initial op'd w/fair blow, strong in 2 min and remained
strong. Final strong throughout.
GTS in 10 min into FFP. Rate - 97.8 MCF/D after 25 min.
Recovery: 41 bbls heavily gas cut and sli OC WC
63 bbls oil
20 bbls heavily oil-cut mud (50% oil)
Sample chamber contained: 2200 cc's very sli OCM at
250 psi.
Recorder at 11,395:
IHP 5719, IFP 1748-929, ISI 4877 (Bldg), FFP 2231-4238,
No FSI, FHP 5608. JUN 2 5 1971
BHT - 192°F
Mud: (gradient .499) 9.6 x 44 x 7.2 (Oil 2%)

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg at 10,631'

11,800/126/104/217. Drilling.
DST No. 5 11,690-11,752 (Johnston)
(3200' WC) (3 pkrs rotating BH chk)
IF 15 min, ISI 120 min
FF 60 min, FSI 300 min
IF op'd w/weak blow (1/8" BHC) inc to strong in 12 min,
cont strong. GTS during ISI.
FF op'd w/strg blow (1/8" BHC) inc BHC to 3/4" after 9 min.
No change in blow. Gas rates during final flow as follows:

<u>Time</u>	<u>Rate (MCF/D)</u>
15 min	53.4
20 min	41.0
24 min	33.9
35 min	TSTM
58 min	27

Recovery: 37 bbls v sli OC WC
3 BO
1 bbl HMC WC

Sample Chamber Contained: 4.5 CF gas at 850 psi
250 cc's grn to yellow-grn oil

Press's

IHP 5851, IFP 2097-1825, ISIP 5649, FFP 1361-1413, FSIP 5528,
FHP 5851. BHT - 190°F.
Mud: (gradient .499) 9.6 x 39 x 6.9 (Oil 2%) JUN 28 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

11,931/126/105/131. Drilling.
No mud details.

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

12,004/126/106/78. Drilling. Dev: 3° @ 11,952.
Magnafluxed DC's - ok. JUN 30 1971
Mud: (gradient .509) 9.8 x 39 x 7.2 (Oil 2%).

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

12,160/126/107/156. Drilling.
Mud: (gradient .509) 9.8 x 40 x 6.8 (Oil 2%) JUL 1 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

12,244/126/108/84. Drilling. Dev: 3°S 5°E @ 12,217
Mud: (gradient .509) 9.8 x 38 x 7 (Oil 2%) JUL 2 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

12,520/126/112/276. Drilling.
7/3-7/4/71, found 3 cones missing from bit. Picked up 8"
magnet and junk sub. Recovered 2 cones and cup of bearings.
Ran bit and junk sub. Broke up remaining cone, drld 12'
and tripped out. Tripped in new bit and 6P btm hole
reamer. On 7/5/71, while drilling 12,506-07 had 1600-1700
units gas kick.
Mud: (gradient .514) 9.9 x 39 x 8.4. JUL 6 1971

Shell-Ute 1-18B5
 (WC) Brinkerhoff
 12,700' Wasatch Test
 9 5/8" Csg at 10,631'
 12,520/126/113/0. Circ & raising mud wt.
 Mud: (gradient .5605) 10.8 x 38 x 4.8 (Oil 11%)
 Circ & raised mud wt from 9.9 to 10.8. SI DP press after 45
 min 600 psi, csg press 710 psi. Gained approx 150 BO part free
 oil & part emulsified. JUL 7 1971

Shell-Ute 1-18B5
 (WC) Brinkerhoff
 12,700' Wasatch Test
 9 5/8" Csg at 10,631'
 12,545/126/114/0. Circ & raising mud wt.
 Raised mud wt to 11.7. Took well off chk. Presently raising
 mud wt to 12.1. Gaining volume in pits @ approx 15 to 20
 bbls/hr. Mud gas cut from 11.7 to 10.0 @ flowline.
 Mud: (gradient .607) 11.7 x 44 x 3.6 (Oil 16%) JUL 8 1971

Shell-Ute 1-18B5
 (WC) Brinkerhoff
 12,700' Wasatch Test
 9 5/8" Csg at 10,631'
 12,545/126/115/0. Circ for DST #6.
 Circ and increased mud wt to 12.1. Shut in @ 10:25 a.m.
 DP 245 psi, csg 300. Circ'd and increased mud wt to 12.8.
 Made 10 stand short trip and circ for DST #6.
 Mud: (gradient .664) 12.8 x 44 x 4.6 JUL 9 1971

Shell-Ute 1-18B5
 (WC) Brinkerhoff
 12,700' Wasatch Test
 9 5/8" Csg at 10,631'
 12,627/126/118/82. Drilling.
 DST No. 6 12,498-12,545 (8900' WC)
 Op 16 min w/weak blow, increasing to strong in 8 min (1/8" chk)
 SI 120 min. Op 90 min w/weak blow, to strong in 5 min when
 chk was op'd to 3/4". SI 300 min. No GTS during flow.
 Recovery: 8900' WC. 40 bbls very highly gas-cut oil.
 Sample Chamber contained: 4.6 cf gas at 1800 psi
 1400 cc's yellow oil
 Press's: (Recorder at 12,512)
 IHP 8445, IFP 4971-4827 (unloading through chk) ISIP 8351,
 FFP 4122-4501, FSIP 8381, FHP 8433. JUL 12 1971
 BHT - 192°F.
 Mud: (gradient .665) 12.8 x 43 x 4 (Oil 16%)

Shell-Ute 1-18B5
 (WC) Brinkerhoff
 12,700' Wasatch Test
 9 5/8" Csg at 10,631'
 12,670/126/119/43. Tripping.
 Lost 150 bbls mud at 12,640
 Mud: 13.1 x 44 x 3.6 (LCM 8%) (Oil 14%) JUL 13 1971

Shell-Ute 1-18B5
 (WC) Brinkerhoff
 12,700' Wasatch Test
 9 5/8" Csg at 10,631'
 12,720/126/120/50. Drilling.
 No mud lost. JUL 14 1971
 Mud: (gradient .681) 13.1 x 44 x 3.1 (Oil 12%)

Shell-Ute 1-18B5
 (WC) Brinkerhoff
 12,700' Wasatch Test
 9 5/8" Csg at 10,631'
 12,762/126/121/42. Drilling.
 No mud lost. JUL 15 1971
 Mud: (gradient .676) 13 x 45 x 4 (Oil 11%)

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

12,825/126/122/63. Drilling.
No mud lost. JUL 1 6 1971
Mud: (gradient .680) 13.1 x 46 x 3.6 (Oil 10%)

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

13,010/126/125/185. Installing new low drum chain. Tripping
in.
Picked up junk sub and laid down shock sub. Magnafluxed
DC's. Laid down one collar w/cracked box. Laid down junk
sub, reamer, and diamond bit. No mud lost.
Mud: (gradient .686) 13.2 x 44 x 4 (Oil 10%) JUL 1 9 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

13,108/126/126/98. Drlg.
No mud lost. JUL 2 0 1971
Mud: (gradient .686) 13.2 x 43 x 4.4 (Oil 9%)

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

13,224/126/127/116. Drilling.
Mud: (gradient .686) 13.2 x 44 x 4 (Oil 8%) JUL 2 1 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

13,310/126/128/86. Tripping.
Mud: (gradient .686) 13.2 x 42 x 4.8 (Oil 6%) JUL 2 2 1971

Shell-Ute 1-18B5.
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

13,361/126/129/51. Drilling.
Mud: (gradient .686) 13.2 x 46 x 4.6 (Oil 5%) JUL 2 3 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

13,593/126/132/232. Tripping. Dev: 2 3/4" @ 13,593.
Lost 40 bbls mud in fractures at 13,437. Chgd corrosion ring.
Laid down 47 jts "E" for hardband.
Mud: (gradient .686) 13.2 x 42 x 4.2 (Oil 4%) JUL 2 6 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

13,666/126/133/73. Drilling.
Mud: (gradient .686) 13.2 x 43 x 4.6 (Oil 4%) JUL 2 7 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

13,701/126/134/35. Logging.
Mud: (gradient .686) 13.2 x 42 x 4 (Oil 4%) JUL 2 8 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

13,701/126/135/0. Tripping.
Left blade matrix in hole. Picked up junk sub and 6-point
reamer to make CO bit run.
Mud: (Gradient .686) 13.2 x 42 x 4 (Oil 4%) JUL 29 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

13,758/126/136/57. Tripping out w/fish.
Ran logs as follows: BHCS, DIL-SP, SNP-GR, and Wireline Diff
Temp Log. DP parted 5' below Kelley. Pipe was tuboscoped
yellow - old crack in break 4" long. Left 143 stds and
double, 9 collars, 6-point reamer, and two stabilizers in
hole. Ran 8 1/8" Bowen overshot dressed w/basket and mill
control. Picked up fish 59' below rotary table. JUL 30 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

13,758/126/139/0. Tripping in w/bit & junk sub.
On 7/30/71, laid down 95 jts cracked DP, 20 jts HW for
hard band and magnafluxed btm hole assembly - ok.
Tripped in w/Bowen basket to catch 3 cones in journals
(sheared off). Picked up 46 jts 5" E DP & 50 jts 5" G DP.
Rubbered 5" going in. On 7/31/71, laid down 19 jts HW and
replaced w/HW hard bank and magnaflux. Washed 60' to btm.
Circ & cond mud. Worked basket on btm. Made 2', recovered 2'
formation (no iron). Laid down basket. Picked up junk
sub and Monel DC. Drld on iron. Reamed to btm w/bit.
Mud: 13.1 x 46 x 4.0 (Oil 3%). AUG 2 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

13,787/126/140/29. Drilling.
Rec'd handfull of junk in junk sub. Picked up drlg AUG 3 1971
stabilizer.
Mud: 13.0 x 43 x 3.6 (Oil 3%)

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

13,865/126/141/78. Drilling.
Mud: 13.0 x 40 x 4 (Oil 3%) AUG 4 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

13,901/126/142/36. Drilling.
Mud: 12.9 x 42 x 3.6 (Oil 3%). AUG 5 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

13,976/126/143/75. Drilling.
Mud: 12.9 x 42 x 4 (Oil 3%) AUG 6 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg at 10,631'

14,126/126/146/150. Drilling. Dev: 2° @ 14,064. Washed
and reamed 60' to btm on 8/8/71.
Mud: 12.8 x 43 x 4.2 (Oil 2%) AUG 9 1971

Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 9 5/8" Csg at 10,631'	14,219/126/147/93. Drilling. AUG 10 1971
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 9 5/8" Csg @ 10,631'	14,224/126/148/5. Running in w/bit. Pulled 2 stds part of stuck pipe. Worked loose, went back to btm and cond hole and mud. Started trip and bit stuck at 14,010. Worked loose, drld up 30', and came out of hole from 14,010-13,980. Changed kelly and checked BOP's. Mud: 13 x 43 x 4.4 (Oil 2%). AUG 11 1971
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 9 5/8" Csg @ 10,631'	14,252/126/149/28. Drilling. Drilled bridges from 13,668-14,224. Mud: 13.0 x 42 x 4.0 (Oil 2%) AUG 12 1971
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 9 5/8" Csg @ 10,631'	14,280/126/150/28. Drilling. Washed and reamed 40' to btm. AUG 13 1971 Mud: 13 x 43 x 4.0 (Oil 2%)
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 9 5/8" Csg @ 10,631'	14,390/126/153/110. Drilling. Checked BOP's. Picked up jars. Reamed to btm from 14,238-293. Lost 150 bbls mud at 14,290 to fractures. Added 90 bbls oil to mud. Rec'd five pieces iron from fish and four pieces hd shale. Built mud weight to 13.2. AUG 16 1971
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 9 5/8" Csg @ 10,631'	14,394/126/153/4. Reaming to bottom @ 14,304. Reamed from 14,084-14,304. Lost 175 bbls mud @ 14,210 Mud: (Gradient .696) 13.4 x 46 x 3.6 (Oil 4%). AUG 17 1971
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 9 5/8" Csg @ 10,631'	14,394/126/154/0. Reaming & Washing fill. Found hole in jt of 5" DP @ approx 8800' CO 14,120-14,304. Mud: (Gradient .692) 13.3 x 46 x 4 (Oil 3%) AUG 18 1971
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 9 5/8" Csg @ 10,631'	14,394/126/155/0. Repairing rotary clutch. AUG 19 1971 Rotary clutch went out while reaming. Mud: (Gradient .696) 13.4 x 47 x 3.6 (Oil 3%)
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 9 5/8" Csg @ 10,631'	14,394/126/156/0. Reaming. Reamed & redrld bridges to 14,300. Mud: (Gradient .696) 13.4 x 51 x 3.6 (Oil 3%) AUG 20 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" Csg @ 10,631'

14,398/126/159/0. Drilling & Redrilling bridges @ 14,085. Reamed from 14,300-14,394 and 14,120-14,150. Lost 175 bbls mud drlg from 14,394-14,398. Reamed to btm. Hole fell in and chased to 150'. Lost 150 bbls mud while reaming at 14,185. Magnafluxed BHA. Laid down one DC w/cracked box. Reamed from 14,115-145; hole fell in. Lost 70 bbls mud. AUG 23 1971
Mud: (Gradient .701) 13.5 x 49 x 3.2 (LCM 8) (Oil 4%)

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg @ 10,631'

14,398/126/160/0. Circ & cond mud for trip. After drlg and redrlg bridges w/no success, picked up and raised viscosity to 100. Continued reaming - bridges taking full weight and comparable to drlg new formation-14 hrs from 14,085-14,121. Unable to circ. Material from hole w/100 visc and 13.7# weight. AUG 24 1971
Mud: (Gradient .711) 13.7 x 66 x 2.6 (LCM 15%) (Oil 5).

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg @ 10,631'

14,398/126/161/0. CO. Reduce vis to 55. Laid down reamer. Ran 7 7/8 bit and one drill collar. Drilled bridge at 14,111. Cleaned out to 14,235, 60' of open hole. Mud: (Gradient .711) 13.7 x 54 x 3.2 (Oil 5%) AUG 25 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg @ 10,631'

14,398/126/161/0. WOC. Ran 7 5/8" and 1-6 1/2" DC on 5" DP. CO bridges from 14,111-14,235. Pmpd 10 BW. Cmt'd w/250 sx Class "G" cmt, 16% NaCl, 1% CFR2, .3% HR4, 1/8#/sx nylon fibers, 16# slurry. Displaced w/3 BW and 207 bbls mud. CIP 9:55 p.m. Pulled 15 dry stds. Pmpd 25 bbls mud. Pulled up to 9 5/8" csg shoe. Closed hydril. Built press to 400 psi w/100# stages. Did not sqz any fluid away. Tripped out. Picked up drlg assembly. AUG 26 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg @ 10,631'

14,398/126/162/0. CO fill. WOC 16 hrs. Found top of cmt @ 14,144. CO to 14,155, OH to 14,180. CO from 14,180-14,235. Drld out fill from 14,235-14,370. AUG 27 1971
Mud: 13.7 x 51 x 4.2 (Oil 4%).

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg @ 10,631'

14,438/126/165/40. WOC. Drld out fill to 14,398. Drld to 14,410. Reamed through tite spots 14,320-14,403 on 10-std wiper run. CO 7' fill. Drld to 14,414. Tripped for bit. Drld out bridges and reamed 14,245-414. CO fill 14,407-414. Drld to 14,438. Cmt'd @ 14,438, 10 BW ahead, w/300 sx Class "G", 16% NaCl, 1% CFR2, .3% HR4, 1/8#/sx nylon fiber, 16# slurry. Dropped 40 bbls out of bit, left 24 bbls cmt in DP. Pulled dry. Ran 8 5/8" bit to shoe of 9 5/8" csg. Staged in 10 stds. Circ up & cond mud. AUG 30 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
12,700' Wasatch Test
9 5/8" csg @ 10,631'

14,457/126/166/19. Tripping. Drill cmt 14,070-14,438. Reamed 14,438-14,452. Btm 14' of hole fractured and tight. Mud: (Gradient .712) 13.7 x 52 x 4.4 (Oil 3%) AUG 31 1971

Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 9 5/8" csg @ 10,631'	14,502/126/167/45. Drilling. Chg'd btm-hole reamer. No bridges or fill on trip in. SEP 1 1971 Mud: (Gradient .712) 13.7 x 54 x 4.6 (Oil 3%).
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 9 5/8" csg @ 10,631'	14,566/126/168/64. Tripping. No mud lost in 24 hrs. Hole in good condition. Mud: (Gradient .712) 13.7 x 49 x 4.4 (Oil 4%). SEP 2 1971
Shell-Ute 1-18B5 (WC) Brinkerhoff 12,700' Wasatch Test 9 5/8" csg @ 10,631'	14,595/126/169/29. Drilling. Laid down btm hole manel and reamer. Mud: (Gradient .712) 13.7 x 50 x 4 (Oil 4%) SEP 3 1971
Shell-Ute 1-18B5 (WC) Brinkerhoff 17,500' Wasatch Test 9 5/8" csg @ 10,631'	14,726/126/172/131. Mixing mud and LCM. Lost 100 bbls mud @ 14,596. Mixed mud & LCM. Regained full returns. Drld to 14,628, hole fell in 30'. Washed & reamed to btm. Lost returns, 300 bbls. Mixed mud & LCM w/partial returns @ 14,000. Drld to 14,665. Hole fell in. Lost 100 bbls mud. Reamed 14,600-14,666. Drld w/full returns w/hole acting well to 14,726 where circ lost. Mud: (Gradient .712) 13.7 x 51 x 4.4 (Oil 2%). SEP 7 1971
Shell-Ute 1-18B5 (WC) Brinkerhoff 17,500' Wasatch Test 9 5/8" csg @ 10,631'	14,746/126/173/20. Drilling. Pulled 10 stands @ 14,726. Hauled 200 bbls mud from Brotherson 1-11. Built volume and continued drilling with full returns. SEP 8 1971 Mud: (Gradient .712) 13.6 x 50 x 4.8 (LCM 20) (Oil 2%).
Shell-Ute 1-18B5 (WC) Brinkerhoff 17,500' Wasatch Test 9 5/8" csg @ 10,631'	14,786/126/174/40. Tripping for logs. Made short trip. Circ and cond hole for logs. Tripped out, hole in good condition. SEP 9 1971 Mud: (Gradient .707) 13.6 x 48 x 4 (Oil 1%).
Shell-Ute 1-18B5 (WC) Brinkerhoff 17,500' Wasatch Test 9 5/8" csg @ 10,631'	14,786/126/175/0. Circ & cond mud for liner. Broke circulation from 8,000-10,000-12,176. Ran logs as follows: BHC/Sonic/GR/Cal DIL/SP SNP/Cal SEP 10 1971 Mud: 13.6 x 50 x 4 (LCM 20) (Oil 1%).
Shell-Ute 1-18B5 (WC) Brinkerhoff 17,500' Wasatch Test 7 5/8" liner at 14,780'	14,786/126/178/0. Tripping. Washed to btm 15'. Ran and cement'd 107 jts 7 5/8" 33.7# S-95 FJ liner to 14,780'. Fillup collar @ 14,655', top of Burns liner hanger @ 10,342. Hung liner 2' off btm. Pumped 20 BW ahead. Mixed 1700 sx 1:1 poz, 2% gel, 10% salt, 1% CFR-2, and .5% LWL. 14.4# slurry. Followed w/300 sx Class "G" cem, 30% silica flour, 1% CFR-2, .6% LWL. 15.8# slurry. Displaced w/374 bbls mud. Bumped w/1000 psi. Float held ok. Pulled dry. Pulled out and laid down DC's. WOC. Laid down 5" DP. Picked up (21) 4 3/4" DC's and 6000' 3 1/2" DP. Mud: (Gradient .707) 13.6 x 50 x 42 (Oil 1%). SEP 13 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner at 14,780'

14,786/126/179/0. Tripping out. Ran 8 5/8" bit and found top of soft cement at 10,168. Drld out to 10,293'. Circ up cem. Drld out to top of liner. Closed pipe rams and press'd up to 1800 psi, bled back to 800 psi. Set RTTS tool at 10,335. Pumped mud away at 1800 psi, bled back to 700 psi. Closed hydril and tested csg to 2,000 psi, ok. SEP 14 1971
Mud: (Gradient 7.02) 13.5 x 50 x 8.0 (Oil 1%).

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner at 14,780'

14,786/126/179/0. WOC. Pulled RTTS tool. Ran in hole with 9 5/8" Halliburton S.V. E-Z drill cement retainer and set retainer @ 9992'. Tested liner to 4000 psi. Injection rate- 5 3/4 B.M @ 2000 psi. Pumped 20 bbls water ahead. Mixed 300 sx Class "G" cement, 10% salt, 1% CFR₂, .2% HR-4. Retarded for 3 hrs. Disp w/10 bbls wtr and 163 bbls mud to clear. Tool staged 1 bbl 5 min. Total - 14 bbls in 70 min. No press build-up. Displaced cem out of lap 7 bbls over calc volume. Finished at 10 p.m. Back scuttled w/200 bbls mud. Stabbed into pkr. Pumped 3 bbls mud. Pulled 1 std. Circ & cond mud. SEP 15 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner at 14,780'

14,786/126/180/0. Cementing @ 9992' through retainer. Stabbed into retainer at 9992'. Inj rate-5 1/2 B/M at 2,000 psi. Pmpd 20 BW. Mixed 300 sx Class "G" cem, 10% salt, 1% CFR₂, .2% HR-4. 15.9# slurry. Displaced w/12 bbls wtr. 162 bbls mud. Staged 4 hrs-max press-1400 psi. Displacement out of lap-Backscuttled 200 bbls. SEP 16 1971
Mud: (Gradient .696) 13.4 x 55 x 7.6 (Oil 1%).

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner at 14,780'

14,786/126/181/0. Drilling retainer. Stabbed into retainer at 9992'. Inj rate - 2' bbls at 2200 psi. Pmpd 20 bbls wtr ahead. Mixed 300 sx Class "G" cem, 10% salt, 1% CFR₂ and .1% HR-4. 15.9# slurry. Retard for 3 hrs. Displaced w/10 BW and total of 171 1/2 bbls mud. Slowed rate to 1/2 B/M last 25 bbls displaced. Max sqz press - 3,000 psi. CIP 8:25 a.m. 9-16-71. Backscuttled above retainer. Pulled out of hole. Rubbered 200 jts 3 1/2" DP. Ran in w/8 5/8" bit. SEP 17 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner at 14,780'

14,791/126/184/5. Testing BOP stack & choke manifold. Drld cem retainer and unplugged bit. Drld out cem from 10,000-10,342. Tested liner lap to 2100 psi, ok. Tested csg to 2,000 psi, ok. Drld cem from 14,765-786'. Ran Sperry Sun Survey. Tested BOP equip to 5,000 psi on pipe rams and 3,000 psi on hydril. SEP 20 1971
Mud: (Gradient .696) 13.4 x 46 x 16.6

Shell-Ute 1-18B5 14,816/126/185/25. Tripping out w/bit.
(WC) Brinkerhoff Mud: (Gradient .691) 13.3 x 47 x 15.6 (LCM 5%). SEP 21 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 14,864/126/186/48. Drilling.
(WC) Brinkerhoff Mud: 13 x 43 x 9.6 SEP 22 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 14,958/126/187/94. Drilling.
(WC) Brinkerhoff Mud: 12.8 x 44 x 9.4 (Oil Tr.) SEP 23 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 14,995/126/188/37. Lowering mud wt to 11.5#. Lost circ at
(WC) Brinkerhoff 14,995'. Mud wt-12.6#. Pulled 2 stds. Pumped LCM pill to
17,500' Wasatch Test btm. Built volume w/12.6# mud. Pulled 10 stands-no recovery.
7 5/8" liner at 14,780' Pulled 15 stds-no recovery. Lost approx 400 bbls mud.
Mud: 11.7 x 40 x 10.6 (LCM 20%) SEP 24 1971

Shell-Ute 1-18B5 15,102/126/191/107. Drilling.
(WC) Brinkerhoff On 9-25, regained partial circ with 11.5# mud. Regained full
17,500' Wasatch Test returns 12:30 p.m. Ran 45 stds and broke circ, no gas. Washed
7 5/8" liner at 14,780' three singles to btm and circ 3 hrs.
On 9-26, ran in w/bit and broke circ at 10,300'. SEP 27 1971
Mud: (Gradient .582) 11.2 x 40 x 9.6.

Shell-Ute 1-18B5 15,167/126/192/65. Drilling.
(WC) Brinkerhoff Mud: (Gradient .572) 11 x 41 x 9.2. SEP 28 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 15,243/126/193/76. Drilling.
(WC) Brinkerhoff Mud: (Gradient .562) 10.8 x 39 (LCM 4%). SEP 29 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 15,330/126/194/87. Drilling.
(WC) Brinkerhoff Mud: 10.3 x 40 x 8.0. SEP 30 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 15,394/126/195/64. Tripping. Dev: 3 1/2° at 15,394.
(WC) Brinkerhoff Mud: 10.3 x 38 x 8 (Oil 1%). OCT 1 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 15,597/126/198. Drilling.
(WC) Brinkerhoff Mud: (Gradient .520) 10 x 40 x 8.8. OCT 4 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 15,601/126/199/4. Repairing rig. Dev: 3 1/4" at 15,600.
(WC) Brinkerhoff Tested BOP's and choke manifold to 5000 psi, ok.
17,500' Wasatch Test Mud: (Gradient .520) 10 x 40 x 8.8. OCT 5 1971
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 15,670/126/200/69. Drilling.
(WC) Brinkerhoff Mud: (Gradient .520) 10.0 x 40 x 10.2 OCT 6 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 15,745/126/201/75. Drilling.
(WC) Brinkerhoff Mud: (Gradient .515) 9.9 x 39 x 10.8 OCT 7 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 15,796/126/202/51. Drilling. OCT 8 1971
(WC) Brinkerhoff Mud: (Gradient .515) 9.9 x 39 x 10.6
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 15,913/126/205/117. Drilling. Dev: 3 3/4" at 15,857.
(WC) Brinkerhoff Circ & washed to bottom. Laid down three defective DC's.
17,500' Wasatch Test Mud: (Gradient .504) 9.7 x 39 x 10.2 (Oil-Trc). OCT 11 1971
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 15,976/126/206/63. Drilling. OCT 12 1971
(WC) Brinkerhoff Mud: (Gradient .509) 9.8 x 41 x 8.4
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 16,027/126/207/51. Drilling.
(WC) Brinkerhoff Mud: (Gradient .504) 9.7 x 42 x 7.6. OCT 13 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 16,082/126/208/55. Drilling.
(WC) Brinkerhoff Mud: (Gradient .504) 9.7 x 41 x 6.8 OCT 14 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 16,139/126/209/57. Drilling.
(WC) Brinkerhoff Mud: (Gradient .499) 9.6 x 40 x 7.2. OCT 15 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 16,266/126/212/127. Drilling. Dev: 1 3/4" at 16,182.
(WC) Brinkerhoff Mud: (Gradient .499) 9.6 x 42 x 6 OCT 18 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 16,313/126/213/47. Tripping.
(WC) Brinkerhoff Mud: (Gradient .494) 9.5 x 40 x 7.6. OCT 19 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 16,362/126/214/49. Drilling.
(WC) Brinkerhoff Mud: (Gradient .499) 9.6 x 43 x 6.8 OCT 20 1971.
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 16,385/126/215/23 Repairing stand pipe. Circ and washed
(WC) Brinkerhoff to btm.
17,500' Wasatch Test Mud: (.494 gradient) 9.5 x 42 x 6.4 OCT 21 1971
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 16,520/126/216/135. Drilling.
(WC) Brinkerhoff Mud: (Gradient .494) 9.5 x 43 x 6.8 OCT 22 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 16,779/126/219/259. Going in hole.
(WC) Brinkerhoff Mud: 9.5 x 41 x 6.8. OCT 25 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 16,784/126/220/5. Drilling.
(WC) Brinkerhoff Mud: (Gradient .499) 9.6 x 43 x 7.2 OCT 26 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5 16,880/230/221/96. Drilling.
(WC) Brinkerhoff Mud: (Gradient .504) 9.7 x 44 x 6.8 OCT 27 1971
17,500' Wasatch Test
7 5/8" liner at 14,780'

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner at 14,780'

16,895/230/222/15. Drilling.
Mud: (Gradient .504) 9.7 x 40 x 7.2. OCT 28 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner at 14,780'

16,987/230/223/92. Drilling.
Mud: 9.7 x 41 x 6.8 OCT 29 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner at 14,780'

17,165/230/226/178. Drilling.
Mud: (Gradient .499) 9.6 x 42 x 6.8 NOV 1 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner at 14,780'

17,192/230/227/27. Drilling.
Mud: Gradient .499) 9.6 x 44 x 7
NOV 2 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner @ 14,780

17,235/230/228/43. Drilling
Mud: (gradient .494) 9.5 x 44 x 6.8
NOV 3 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner @ 14,780

17,264/230/229/29. Drilling.
Mud: (gradient .494) 9.5 x 45 x 6.8. NOV 4 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner @ 14,780

17,273/230/230/9. Logging.
Drld to 17,273. Made short trip and bit stopped at
17,153. CO to btm. RU Schl to begin running logs.
Mud: (gradient .499) 9.6 x 47 x 7. NOV 5 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner @ 14,780

TD 17,273. PB 13,800/230/233/0. Heating water.
Ran logs as follows: DIL-SP, BHC-GR-Cal, SNP-GR-Cal
Plugs to be reported on tomorrow's wire.
Laid down 108 jts 3 1/2" DP. NOV 8 1971

Nov 6, 7 ?

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800/230/234/0. Displacing wtr w/brine.
Cmt plugs set as follows: (All plugs with Class "G" cmt,
35% silica flour, .1% CFR-2, and .5% HR-4).

Sx	Interval	Remarks
45	17,228-16,928	
45	14,919-14,614	
15	13,904-13,800	15 sx plug placed on top of Hal E-Z drill BP set at 13,904.

Tested csg to 3000 psi - ok.
Displaced mud w/180° water. NOV 9 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800/230/235/0. Rng 5 1/2" heat string.
Laid down DP. Set Model "D" pkr on WL at 12,400 (OWP). NOV 10 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800/230/236/0. Running 2 7/8" tbg.
Ran 74 jts 5 1/2" 14# K-55 reg csg and hung at 2999' for
heat string. Removed BOP stack. Installed spool and
installed 6" 5,000 psi BOP's. NOV 11 1971

Shell-Ute 1-18B5
(WC) Brinkerhoff
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800/230/237/0. Running WL magnet. Ran 122 jts
2 7/8" N-80 tbg w/Bkr Size 23 Model "C" expendable plug holder
w/Model "C" plug in place, 10' x 2 7/8" OD full-opening
nonperforated prod tube, Bkr anchor tbg seal assembly w/two
seal unit, Bkr Model FL on-off seal connector w/2.250"
plug nipple w/o plug. With 22 jts in hole, tested tbg to
7500 psi, held ok. With 72 jts, tested to 7500 psi, held ok,
w/122 jts in hole, attempted to test tbg and pumped Model
"C" plug out at 7200 psi. Pulled tbg string and replaced
Model "C" plug. Reran tbg to pkr at 12,400' testing to
7500 psi; unable to sting into Bkr Model "D" pkr. Pulled
tbg w/BHA. Attempted to run lead impression block but
unable to get through top of 7 5/8" liner at 10,342. NOV 12 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800/230/238/0. MORT.
Ran 2 1/2" x 6' magnet on WL (McC), Rec'd small amt of
cuttings. Reran same magnet and lost it in hole. Ran 2"
x 4" magnet through Bkr Model "D" pkr at 12,400' and to PBTD.
While pulling out of hole, line became stuck at 13,772 by flapper
on btm of Bkr Model "D" pkr. Ran 2 7/8" tbg w/10' x 1"
stinger on btm. Op'd flapper w/1" stinger; pulled and rec'd
entire string of tools excluding Bkr Model "C" expendable plug
and 2 1/4" x 6" magnet from below Model "D" pkr. Ran 347 jts
2 7/8" N-80 tbg w/Bkr Size 23 Model "C" expendable plug holder
with Model "C" plug in place, 10' x 2 7/8" OD full open
nonperforated prod tube, Bkr anchor and tbg seal assembly w/two
seal units, Bkr Model "FL" on-off seal connector w/2.250"
plug nipple without plug. Tested to 7500 psi. Stung into
Model "D" pkr at 12,400. Jayed off and spaced out w/5000 psi
set down. Removed 6" 5000 psi BOP's. Flanged up Xmas tree.
Tested to 4500 psi. Tested annulus to 3,000 psi, held ok.
Released rig 1 P.M. 11/13/71. NOV 15 1971

Shell-Ute 1-18B5 TD 17,273. PB 13,800. MORT. NOV 1 6 1971
(WC)

17,500' Wasatch Test
7 5/8" liner @ 14,780'

Shell-Ute 1-18B5 TD 17,273. PB 13,800. MORT. NOV 1 7 1971
(WC)

17,500' Wasatch Test
7 5/8" liner @ 14,780'

Shell-Ute 1-18B5 TD 17,273. PB 13,800. MORT. NOV 1 8 1971
(WC)

17,500' Wasatch Test
7 5/8" liner @ 14,780'

Shell-Ute 1-18B5 TD 17,273. PB 13,800. MORT. NOV 1 9 1971
(WC) Brinkerhoff

17,500' Wasatch Test
7 5/8" liner @ 14,780'

Shell-Ute 1-18B5 TD 17,273. PB 13,800. Tearing down derrick. NOV 2 2 1971
(WC)

17,500' Wasatch Test
7 5/8" liner @ 14,780'

Shell-Ute 1-18B5 TD 17,273. PB 13,800. Tearing down derrick.
(WC) NOV 2 3 1971

17,500' Wasatch Test
7 5/8" liner @ 14,780'

Shell-Ute 1-18B5 TD 17,273. PB 13,800. Tearing down derrick. NOV 2 4 1971
(WC)

17,500' Wasatch Test
7 5/8" liner @ 14,780'

Shell-Ute 1-18B5 TD 17,273. PB 13,800. Shut down. MI & RU McC 11-27. Ran in
(WC) w/jars and 1 3/4" sinker bars to knock out plug in btm of
17,500' Wasatch Test tbg; no plug in place. Went to 12,700 and checked csg
7 5/8" liner @ 14,780' collars. Pulled out of hole. Ran in w/perf gun (2" OD)
and could not get below 1700'. Tried for 1 1/2 hrs. NOV 2 9 1971
Pulled out of hole; had drilling mud on tool. Put 10'
of sinker bar on btm of perf gun and ran in hole. Still
could not get below 1700'. Apparently tbg had either a
tilt or restriction. Pulled out of hole. RD&MO McC.

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" Liner @ 14,780'

TD 17,273. PB 13,800. Shut In. NOV 30 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. SI. DEC 1 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. No report. DEC 2 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Well shut in.
MI&RU Marshall WL Service 8 a.m. 12/1/71. No press on tbg.
Ran mule tail, sinker bars & jars on WL. Tool weighed
approx 75#. Tools ran in slowly to 1600'. Had to spud
several times. Worked tools to 1702'; spudded from 1702-
1770 in two hrs. Could not work below 1770 in 20 min of
spudding. Pulled tool and removed some scratcher wires
from mule tail. Reran tools and could not get below 1730.
Pulled out of hole. RD&MO Marshall WL. DEC 3 1971
(Report disc until further activity)

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Well SI.
(RRD 12/3/71). MI&RU Newsco truck and hot oiler. Fill
3/4" tbg w/150°F 10#/gal salt water. Ran tbg in hole
w/continuous circ. Began getting drlg mud returns about
300'. Stopped tbg and circ bottoms up at 1,000', 1500',
2,000' w/considerable mud returns on stop at 2,000'. Ran
tbg to 3,000'. Circ oily mud out. Ran tbg to 3,400';
hit something thick. Ran tbg to 3,500' & circ mud out of
hole. Ran tbg to 4,000' & circ 10 min. Returns clean.
Ran tbg to 5,000' & circ 45 min. Pulled tbg out of
hole at 75'/min w/continuous circ while pulling. Returns
good. RD&MO hot oiler & Newsco. (Rept disc until further
activity). DEC 6 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner at 14,780'

TD 17,273. PB 13,800. Prep to circ tbg w/Newsco.
MI & RU McC 12-6-71 to perf using 2" steel tube
omega jets. Ran in hole; began dragging at 5500'.
Ran into solid plug at 5761. Worked tools, no
progress. Pulled out of hole. RD & MO McC. DEC 7 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Prep to run 3/4" tbg. Newsco arrived late on loc to complete daylight work. DEC 8 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. No report. DEC 9 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Prep to perforate. Ran 3/4" continuous tbg & CO 2 7/8" tbg to 10,000' by circulating hot water. Started out of hole w/3/4" tbg. Hydraulic system on Newsco unit failed. Repaired Newsco equip and pulled 3/4" tbg. DEC 10 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Flowing SW to pit. MI&RU McC. Perf the following intervals w/2jets/ft using McC's 2" steel tube Omega jets w/selective firing using decentralized gun: Run #1 perf 12,734-740 & 12,759-766, 0 press after run. Run #2 perf 12,833-843 & 12,991-999, 1400 psi on tbg after perf'd. Run #3 perf 13,234-243 & 13,261-265, 200 psi on tbg after perf'g. Run #4 perf 13,276-280 & 13,354-361, 1275 psi after perf'g. Run #5 perf 13,426-436, 13,504-509, & 13,557-561, 1200 psi on tbg after perf'g. SD overnight. 14-hr SITP 1800. Bled press off to 500 psi w/approx 2 bbls SW to pit. Cont'd perf'g - run #6 perf 13,587-592 & 13,613-625, 1200 psi on tbg after perf'g. Run #7 perf 13,643-659, 1150 psi on tbg after perf'g. Gross perf'd interval 12,734-13,659 (total of 107') (214 holes). Flowed est 10 bbls SW to pit in 6 hrs, FTP 100, 12/64" chk. 14-hr SITP 2010. Op'd well to pit on 15/64" chk, press held to 0 in 10 min. Flowed a total of 24 bbls SW to pit in 9 hrs, 12/64" chk, FTP 80. DEC 13 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Flowing in heads on 1/2" choke to pit. 14-hr SITP 2300. Op'd well to pit. Press decreased to 150 psi in 5 min. Flow est at 35 bbls (20 BO & 15 BW) in 10 hrs. At 7 a.m. well flwd in heads on 1" chk. DEC 14 1971

Shell Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Prep to flow test. 14-hr SITP 2700. Op'd well to pit; press fell to 200 psi in 5 min. Flowed est 20 bbls in 1 hr (15 BO & 5 BW) on 1/2" chk & then died. MI&RU Hal and hot oiler. With fresh water heated to 150°F, pmpd as follows: Pumped 57 bbls fresh wtr down tbg @ 2 B/M. Max press 5000, min & final press 4500. 30 min SITP 3450. Op'd to pit on 15/64" chk. Press dropped to 250 psi in 10 min and then started increasing. Op'd chk to 32/64". Press fell to 40 psi FTP. Rate last 2 hrs - 15 BLW/H. DEC 15 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Flowing to btry. Thawed out wellhead and op'd well to pit 10:30 a.m. 12/15/71. Well flowed est 15 BW in 45 min and then started flowing oil. Shut well in 11:30 a.m. to switch to treater. SITP 12 noon - 2225 psi. Switched to treater 12 noon. Flowed on various choke settings from 12/64" to 40/64" and FTP varied from 50-900 psi. Well flwd 257 BO, 6 bbls load wtr and est 500 MCF gas in 18 hrs. Last 4 hrs well averaged 14.9 BO/H on 30/64" chk w/320 psi FTP.
DEC 16 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Flowing to btry. In last 23 hrs, flowed 338 BO, 0 BW, and est 500 MCF gas on 26/64" chk w/750 psi FTP. In last six hrs, avg'd 17 BO/H on 26/64" chk w/750 psi FTP. DEC 17 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Flowing. RU Marshall WL Service 7 a.m. 12/17/71 to cut paraffin and continue perf'g. Last 24 hrs, well flowed 299 BO, 0 BW, est 500 MCF gas on 36/64" chk w/FTP 1,000 psi at 7 a.m. At 7 a.m., 12/18/71, prepared to cut paraffin. Started in hole w/perf gun (McC) 10 a.m. 12/18/71. Hit paraffin buildup at 350'. Worked through paraffin at 1408'; could not go deeper. Moved gun up 1,000', could not go back down. Moved gun up to 150' - increased temp on heat string and melted paraffin plug off from perf gun. Worked gun down hole 1397'; could not go deeper. Pulled perf gun and could not get gun into lubricator. Heated lubricator w/steam for four hrs while working WL. Worked gun up into lubricator and laid down lubricator-top of lubricator was full of dry paraffin. WL was stranded. Op'd well to 36/64" chk from 14/64" chk to flow out loose paraffin. In last 24 hrs as of 7 a.m. 12/19, flowed 293 BO, 0 BW on 10/64" chk w/FTP 990 psi. On 12/19/71, RU Marshall WL Service to cut paraffin. Attempted to cut paraffin w/McC perf gun. Could not get sinker bars out of lubricator. RD McC. Returned well to production. In last 24 hrs as of 7 a.m. 12/20/71, well flowed 213 BO, 0 BW on 13/64" chk w/FTP 670 psi. DEC 20 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Prep to continue perf'g. RU Marshall WL Service to cut paraffin. Cut hard paraffin from 170'-210', 350'-700', 1240'-1410', and 2200'-5500'. Ran paraffin cutter to 10,000'. Pulled paraffin cutter and RD Marshall WL Service. Returned well to prod on restricted flow. As of 7 a.m. in last 24 hrs, flowed 251 BO, 0 BW, and est 200 MCF gas w/FTP 950 psi on 8/64" chk. DEC 21 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Flowing to btry. RU McC. Ran in hole to 7000' w/gauge ring and sinker bars; did not hit any hard paraffin buildup. Pulled out of hole and ran in hole w/3-section selective fire perf'g gun. Perf'd 12,601-12,605. Press before perf'g 1750 psi-after perf'g 1850 psi. Perf'd 12,578-12,584. Press before perf'g 1850 psi-after perf'g 1950 psi. Perf'd 12,503-12,507, press before perf'g & after perf'g 1950 psi. Pulled out of hole and made run #2 w/2-section selective fire gun. Perf'd 12,541-12,549. Press at 1800 psi before and after perf'g. Perf'd 12,516-12,526 - press remained at 1800 psi before and after perf'g. Pulled out of hole. Perf w/2 jets/ft using McC's 2" steel tube Omega jets. RD McC. Op'd well to btry. As of 7 a.m. in last 24 hrs, well flowed 236 BO, 0 wtr, and est 200 MCF gas w/FTP 260 psi on 32/64" chk. DEC 2 2 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Flowing to btry. In last 24 hrs ending 7 a.m., flowed 272 BO, 0 BW, and est 200 MCF gas on 14/64" chk w/FTP 300 psi. DEC 2 3 1971

Shell-Ute 1-18B5
(WC)
17,500' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Flowing to btry. Rates on 24-hr test are as follows:

Date	BO	BW	Est MCF	FTP	Choke
12-23	283	0	225	150	24/64"
12-24	273	0	200	150	18/64"
12-25	299	0	200	150	18/64"
12-26	282	0	200	150	18/64"

DEC 2 7 1971

Shell-Ute 1-18B5
(WC)
17,273' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Prep to acid treat. MI&RU Marshall WL Service 12/27/71. Cut paraffin. Had hard paraffin bridges first 150' & soft paraffin to 4700'. RD Marshall WL Service, returned well to production. Last 24 hrs, well flwd 266 BO, 0 BW, est 200 MCF gas; 7 a.m. FTP 100 psi on 12/64" chk. DEC 2 8 1971

Shell-Ute 1-18B5
(WC)
17,273' Wasatch Test
7 5/8" liner at 14,780'

TD 17,273. PB 13,800. Prep to open well to treater. Acidized w/15% HCl as follows: heated all fluids to 80°F. Tested all lines to 10,000 psi. Treated w/ 3,000 gals 15% HCl containing 180# OS-160 Wide-Range Unibeads, 9 gal S-52, 9 gal A-160, 7½# J-120, and 9 gal W-27 followed by 500 gal 15% HCl containing 250# OS-160 Wide-Range Unibeads, 1½ gal S-52, 1½ gal A-160, 1½# J-120 and 1½ gal W-27. Above procedure repeated seven times; then followed by 7,000 gals 15% HCl containing 420# OS-160 Wide-Range Unibeads, 21 gal S-52, 21 gal A-160, 17½# J-120, and 21 gal W-27 followed by 5500 gal fresh wtr containing 50# J-133. Max press 9300, min - 4500, avg - 8300. Max rate - 15 B/M, min - 6 B/M, avg - 13¼ B/M. Immediate press drop from 8100 to 2900, to 2100 in 30 min. (Load 985 bbls). Shut well in 1 PM 12-28-71. DEC 2 9 1971

Shell-Ute 1-18B5
(WC)
17,273' Wasatch Test
7 5/8" liner at 14,780'

TD 17,273. PB 13,800. Flowing to battery. Thawed out wellhead and lines. WHP 12 noon 12-29-71 - 2750. Op'd well to tanks 12 noon 12-29 and flowed well for four hours on 27/64" chk as follows:

HR	BO	BW	FTP
1st	69	53	2750
2nd	126	6	2550
3rd	146	15	2250
4th	148	14	2280

DEC 30 1971

Shut well in for 15 min and WHP increased from 2280 to 3120. Op'd well to tanks on 8/64" chk. Well flowed 426 BO in 13 hrs on 8/64" chk with varying press's from 3020 to 3460. Total prod last 24 hrs - 914 BO, 97 BLW, and est 2000 MCF gas. Total flowing time - 19 hrs.

Shell-Ute 1-18B5
(WC)
17,273' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Flowing. On 24-hr tests, well flowed as follows:

Date	BO	BW	FTP	CHK
12-30	1045	0	2170	10/64"
12-31	945	0	2850	8/64"
1-1	799	0	2810	8/64"
1-2	717	0	2700	8/64"

JAN 3 1972

Shell-Ute 1-18B5
(WC)
17,273' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Flowing.

On 24-hr test, flowed 974 BO and no wtr on 10/64" chk w/2500 psi. JAN 4 1972

Shell-Ute 1-18B5
(WC)
17,273' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. Flowing. On 24-hr test, flowed 968 BO and 0 BW on 10/64" chk w/2500 psi. JAN 5 1972

Shell-Ute 1-18B5
(WC)
17,273' Wasatch Test
7 5/8" liner @ 14,780'

TD 17,273. PB 13,800. OIL WELL COMPLETE.

On 24 hr test 1/5/72, well flwd 1077 BO, 0 BW and est 1500 MCF on 10/64" chk w/FTP 2300 & CP 0 from the GR-Wasatch perfs 12,601-605, 12,578-584, 12,503-507, 12,541-549, 12,516-526, 12,734-740, 12,759-766, 12,833-843, 12,991-999, 13,234-243, 13,261-265, 13,276-280, 13,354-361, 13,426-436, 13,504-509, 13,557-561, 13,587-592, 13,613-625, & 13,643-659. Oil Gv. - 43.7° API @ 60°. Test date - 1/5/72. Initial producing date - 12/12/71. Elev: 6104 KB, 6080 GL

LOG TOPS:

TGR 2 7270 (-1166)

TGR 3 8764 (-2660)

Wasatch 10,430 (-4326)

JAN 6 1972

This well extends Altamont field four miles to the SW.
FINAL REPORT.

CASING AND CEMENTING

Field: Altamont

Well: Ute 1-18B5

KB to CHF: 25.65

Shoe joint started in hole 9-11-71

Ran 107 jts 33.7# 7 5/8" liner to 14,780'

<u>Jts.</u>	<u>Wt.</u>	<u>Grade</u>	<u>ST&C</u> <u>LT&C</u>	<u>New</u>	<u>Feet</u>	<u>From</u>	<u>To</u>
<u>107</u>	33.7#	S-95	FJ	New	4,426	10,354'	14,780'

107 Jts. Total

Top of Burns plain liner hanger at 10,342'.

Baker "G" Collar at 14,655'.

Baker "G" Shoe at 14,780'.

No. Make & Type:

Used 3 centralizers.

Cementing:

Broke circulation w/500 psi. Circ 80 min. Cemented through shoe w/1700 sx 1:1 poz, 2% gel, 10% salt, 1% CFR-2, and .5% LWL. 14.4# slurry. Followed w/300 sx Class "G" cem, 30% silica flour, 1% CFR-2, .6% LWL. 15.8# slurry. Displaced w/374 bbls mud. Bumped w/1000 psi. Float held ok. Pulled dry. Bled back 1 bbl.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Ute Tribe 14-20-H62-2505

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute

9. WELL NO.

1-18B5

10. FIELD AND POOL, OR WILDCAT

West Altamont

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SW/4 NE/4 Section 18-
T 2S-R 5W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Shell Oil Company (Rocky Mountain Division Production)

3. ADDRESS OF OPERATOR

1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

2285' FNL and 2055' FEL Sec 18

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6104 KB

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

Frac Treat

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

☐
☐
☐
☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

As per attached prognosis

✓ 2 cc: Oil and Gas Conservation Commission -
Salt Lake City w/copies of prognoses

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE

BY

5/30/72
Paul W. Churchill

18. I hereby certify that the foregoing is true and correct

SIGNED

Original Signed By
J. C. POWELL

TITLE

Division Operations Engineer

DATE May 25, 1972

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STIMULATION PROGNOSIS
UTE UNIT 1-18B5
WEST ALTAMONT FIELD
DUCHESNE COUNTY, UTAH

PERTINENT DATA:

Elev: 6117' GL
GL-KB: 24'
Shell W.I.: 100%

CURRENT STATUS:

Producing at a daily rate of 276 BO and 19 BW with a flowing tubing pressure of 300 psi. This well has 19 zones containing 139' of probable pay that is perforated with 278 holes. A production survey dated February 11, 1972, showed five zones containing 42' of probable pay and 84 holes contributing to production.

PROCEDURE:

This treatment is designed to stimulate and bring to production those intervals that the February 11, 1972 survey showed were not producing

1. Remove wax from production tubing, if necessary.
 2. Breakdown perforations as follows:
 - a. Pump 5000 gals 7½% HCl containing 20# J-133, 3 gals A-170, 3 gal F-52 per 1000 gal HCl and 425 ¾" Phenolic ball sealers (Sp Gr. 1.4) evenly distributed through the HCl.
 - b. Pump 5400 gals Fresh water containing 250 lb NaCl 83 lb KCl and 5 lb J-120 per 1000 gal.
- Note: Hold 3000 psi on tubing - casing annulus. Do not exceed 10,000 psi injection pressure. Heat all fluids to 80°F. In event of ballout bleed back then finish injecting remainder of acid.
3. Flow back 5 minutes to release ball sealers. Shut in for 30 minutes to allow ball sealers to settle to bottom.
 4. Fracture treat well as follows:
 - a. Pump 3000 gal 7½% HCl containing 225 ¾" Phenolic ball sealers (Sp. Gr. 1.4) and 60 lb J-133 evenly distributed throughout the acid.
 - b. Pump 1000 gal 15% HCl containing 20 lb J-133, 3 gals A-170 and 3 gal F-52 followed by 500 gal frac fluid followed by 2000 gal frac fluid containing ¾ lb 20-40 Ucar props per gal.
 - b'. Dump 10 ball sealers.
 - c. Pump 1000 gal 15% HCl containing 20 lb J-133, 3 gals A-170 and 3 gal F-52 followed by 500 gal frac fluid followed by 2000 gal frac fluid containing ¾ lb 20-40 Ucar props per gal.
 - c'. Dump 25 ball sealers.
 - d. Pump 1000 gal 15% HCl containing 20 lb J-133, 3 gals A-170 and 3 gal F-52 followed by 500 gal frac fluid followed by 2000 gal frac fluid containing ¾ lb 20-40 Ucar props per gal.
 - d'. Dump 16 ball sealers.
 - e. Pump 1000 gal 15% HCl containing 20 lb J-133, 3 gals A-170 and 3 gal F-52 followed by 500 gal frac fluid followed by 2000 gal frac fluid containing ¾ lb 20-40 Ucar props per gal.

- e'. Dump 10 ball sealers.
- f. Pump 1000 gal 15% HCl containing 20 lb J-133, 3 gals A-170 and 3 gal F-52 followed by 500 gal frac fluid followed by 2000 gal frac fluid containing $\frac{3}{4}$ lb 20-40 Ucar props per gal.
- f'. Dump 16 ball sealers.
- g. Pump 1000 gal 15% HCl containing 20 lb J-133, 3 gals A-170 and 3 gal F-52 followed by 500 gal frac fluid followed by 2000 gal frac fluid containing $\frac{3}{4}$ lb 20-40 Ucar props per gal.
- g'. Dump 18 ball sealers.
- h. Pump 1000 gal 15% HCl containing 20 lb J-133, 3 gals A-170 and 3 gal F-52 followed by 500 gal frac fluid followed by 2000 gal frac fluid containing $\frac{3}{4}$ lb 20-40 Ucar props per gal.
- h'. Dump 25 ball sealers.
- i. Pump 1000 gal 15% HCl containing 20 lb J-133, 3 gals A-170 and 3 gal F-52 followed by 500 gal frac fluid followed by 2000 gal frac fluid containing $\frac{3}{4}$ lb 20-40 Ucar props per gal.
- i'. Dump 22 ball sealers.
- j. Pump 1000 gal 15% HCl containing 20 lb J-133, 3 gals A-170 and 3 gal F-52 followed by 500 gal frac fluid followed by 2000 gal frac fluid containing $\frac{3}{4}$ lb 20-40 Ucar props per gal.
- j'. Dump 10 ball sealers.
- k. Pump 1000 gal 15% HCl containing 20 lb J-133, 3 gals A-170 and 3 gal F-52 followed by 500 gal frac fluid followed by 2000 gal frac fluid containing $\frac{3}{4}$ lb 20-40 Ucar props per gal.
- k'. Dump 10 ball sealers.
- l. Pump 1000 gal 15% HCl containing 20 lb J-133, 3 gals A-170 and 3 gal F-52 followed by 500 gal frac fluid followed by 2000 gal frac fluid containing $\frac{3}{4}$ lb 20-40 Ucar props per gal.
- l'. Dump 18 ball sealers.
- m. Pump 1000 gal 15% HCl containing 20 lb J-133, 3 gals A-170 and 3 gal F-52 followed by 500 gal frac fluid followed by 2000 gal frac fluid containing $\frac{3}{4}$ lb 20-40 Ucar props per gal.
- m'. Dump 25 ball sealers.
- n. Dump 1000 gal 15% HCl containing 20 lb J-133, 3 gals A-170 and 3 gal F-52 followed by 500 gal frac fluid followed by 2000 gal frac fluid containing $\frac{3}{4}$ lb 20-40 Ucar props per gal.
- n'. Dump 10 ball sealers.
- o. Pump 1000 gal 15% HCl containing 20 lb J-133, 3 gals A-170 and 3 gal F-52 followed by 500 gal frac fluid followed by 2000 gal frac fluid containing $\frac{3}{4}$ lb 20-40 Ucar props per gal.
- o'. Dump 30 ball sealers.
- p. Displace with 5400 gal water containing 5 lbs J-120 per 1000 gal.
- q. Shut in overnight.

Note: Prepare frac fluid by mixing the following into each 1000 gal fresh water; 250 lb NaCl, 83 lb KCl, 80 lb J-249, 1.2 lb L-10. Heat all fluid injected to 80°F. Hold 3000 psi on tbg - csg annulus. Do not exceed an injection pressure of 10,000 psi. Ucar beads to be radioactive treated. In event of ballout bleed back and displace remainder of frac treatment.

Treat well at 14 barrels per minute. Estimated HHP requirement is 3100. Send strip chart to Division Office at conclusion of job.

5. Run gamma ray log as deep as possible with well closed in.
6. Place well on production.
7. Run production logs during the first week's production at well's max prod rate.

WJ
NJM/kj1

WJ
5/16/72

WJ
Attachment

WJ
Div O.E.

Div P.E. *WJ* 5/16/72

B. L. Faulk
B. L. Faulk

5/16/72

UTE 1-1885
ELEV. 6140 K.B.
K.B.-G.L. = 23.7'

20" 94 LBS. H-40
@ 240' W/630 SX.

DV IN 13-3/8" @ 1020'
W/1500 SX.

13-3/8" 48 LBS. S-80 & K-55
@ 4546' W/1000 SX.

74 JTS. 5 1/2" 14 LBS. K-55
@ 2999' HEAT STRING

347 JTS. 2-7/8" 6.5 LBS. N-80 TUBING
W/5000 PSI SET DOWN ON PACKER

BURNS 7-5/8" HANGER @
10,342' SQZ'D W/900 SX.

9-5/8" 47 LBS. S-95
@ 10,631' W/420 SX.

BAKER MODEL "FL" ON-OFF SEAL CONNECTOR
W/2.25" I.D. PLUG NIPPLE

PERFS: 12,503'-13,659'
(19 INTERVALS)

BAKER MODEL "D" @ 12,400'
W/FLAPPER VALVE

7-5/8" 33.7 LBS. S-95 LINER
@ 14,780' W/1700 SX.

BAKER MODEL "C" EXPENDABLE PLUG HOLDER
10' 2.44" I.D. PROD. TUBE, 2 ANCHOR
TUBING SEAL ASSEMBLY

13,800' PBTD.

13,904' BP.

PLUG BACK:

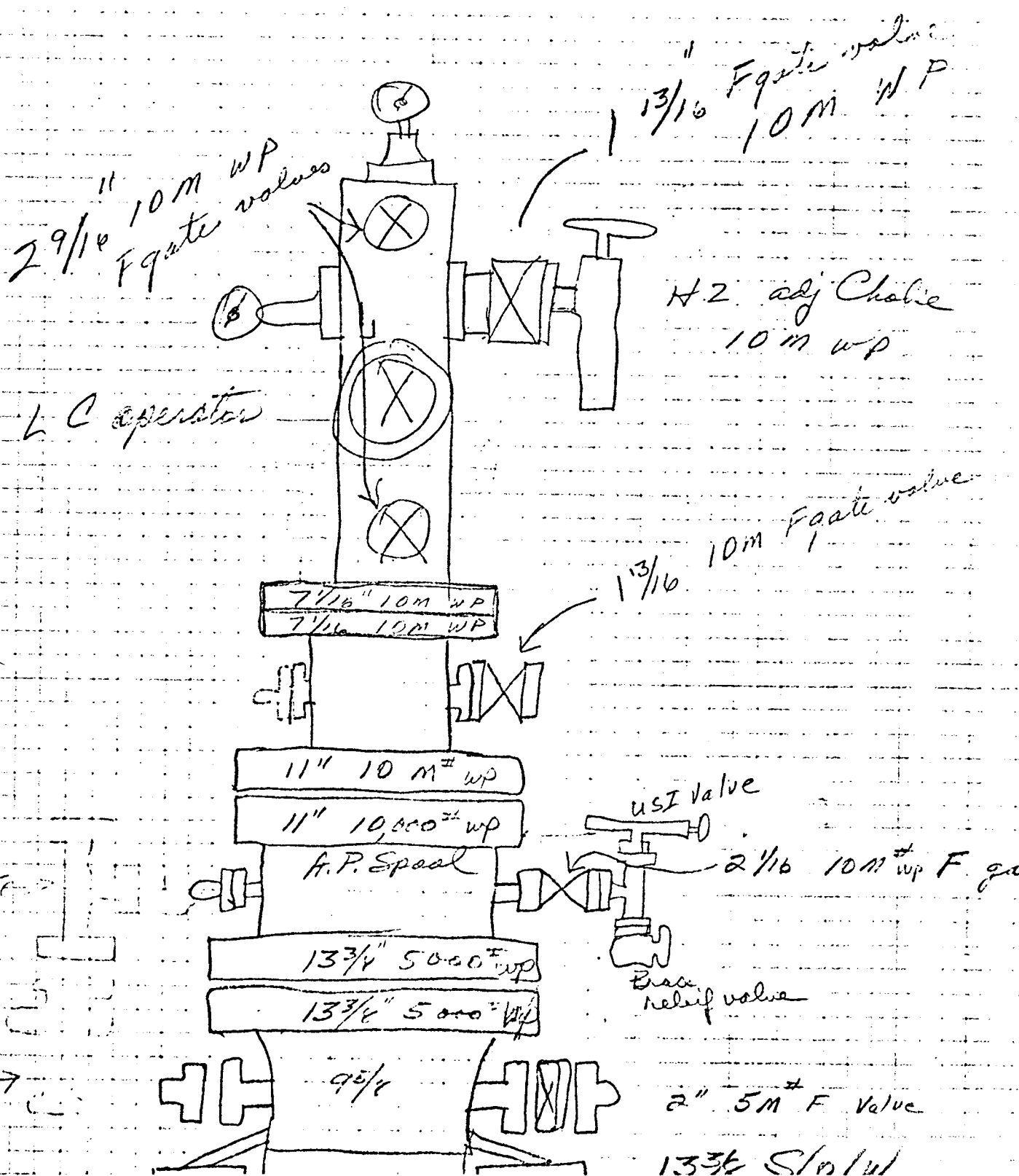
45 SX. 17,228'-16,928'

45 SX. 14,919'-14,614'

15 SX. 13,904'-13,800'

17,273' T.D.

BY: J.D.G.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Ute Tribe 14-20-H62-2505

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute

9. WELL NO.

1-18B5

10. FIELD AND POOL, OR WILDCAT

Altamont

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SW/4 NE/4 Section 18-
T 28-R 5W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Shell Oil Company (Rocky Mountain Division Production)

3. ADDRESS OF OPERATOR

1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

2285' FWL and 2055' FWL Sec 18

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6104 KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Frac Treat

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

X

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

As per attached report

2 cc: Oil and Gas Conservation Commission -
Salt Lake City w/copies of reports

18. I hereby certify that the foregoing is true and correct

SIGNED Original Signed By
K. R. JORDAN
(This space for Federal or State office use)

TITLE Division Operations Engr.

DATE Sept. 20, 1972

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

W .

October 16, 1972

MEMO FOR FILING

Re: Shell Oil Company
Shell-Ute 1-18B5
Sec. 18, T. 2 S, R. 5 W,
Duchesne County, Utah

On October 11, 1972, the above referred to well site was visited.

At the time of the visit the well was shut-in due to electrical problems. The old drilling pit which had previously broken and allowed drilling fluids into Rock Creek has been filled and leveled. A check was made of the creek and no oil stains were noted.

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:ck

cc: U.S. Geological Survey

STIMULATION PROGNOSIS
SHELL-UTE 1-18B5
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH

PERTINENT DATA:

Elev: 6,117' GL
GL-KB: 24'
Shell W.I.: 100%

CURRENT STATUS:

Nonproductive for the past 45 days. This well was completed in December 1971. Nineteen zones containing 145 ft have been perforated with 282 holes. A production survey taken 2-11-72 showed that five zones containing 52' of probable pay and 104 holes were contributing to production. At the time of the survey the well was producing 1,410 BOPD. Recent BHP survey indicates productive interval has reservoir pressure of only 4,500 psi.

PROPOSED WORK:

1. Remove wax from production tubing, if necessary.
2. Perforate (2 holes/ft) each of the following intervals: (Depths refer to McCullough depth control log dated 11-6-71) 13,736-738, 13,743-745, 12,647-649, 12,652-654, and 13,101-103. Perforate unidirectional using magnetically decentralized 2" steel tube carrier guns. Use JRC DP Side-winder or Schlumberger Hyper-Jet charges. (JRC charge is available to all service companies.)
3. Acid treat the well as follows:
 - a. Pump 10,000 gals 15% HCl containing 200 3/4" RCN ball sealers (Sp. Gr. 1.24) distributed evenly in the acid.
 - b. Pump 25,000 gals 15% HCl with 300 ball sealers (same as in Step a) evenly distributed throughout the acid. If ballout occurs before all acid is displaced, bleed back and displace remainder of treatment.
 - c. Pump 5,500 gals of fresh water containing 20# G-5 and 165# NaCl per 1,000 gals.

Note: Each 1,000 gal of 15% acid is to contain 20# G-5, 3 gals C-15, 10 gals J-7, 3 gals J-22, 30# OS-160 wide-range Unibeads, and 30# OS-160 button Unibeads. Do not exceed 9,500 psi surface pressure or maximum rate of 10-12 B/M. Hold 3,000 psi on tbg/csg annulus.

4. Close well in overnight. Return well to production.

JDG:sp
4/3/73

Div. O.E. *KB 4-5-73*
Div. P.E. *4/6/73*

B. L. Faulk
B. L. Faulk

Attachment

UTE 1-18B5
ELEV. 6140 K.B.
K.B.-G.L. = 23.7'

20" 94 LBS. H-40
@ 240' W/630 SX.

DV IN 13-3/8" @ 1020'
W/1500 SX.

13-3/8" 48 LBS. S-80 & K-55
@ 4546' W/1000 SX.

74 JTS. 5 1/2" 14 LBS. K-55
@ 2999' HEAT STRING

347 JTS. 2-7/8" 6.5 LBS. N-80 TUBING
W/5000 PSI SET DOWN ON PACKER

BURNS 7-5/8" HANGER @
10,342' SQZ'D W/900 SX.

9-5/8" 47 LBS. S-95
@ 10,631' W/420 SX.

BAKER MODEL "FL" ON-OFF SEAL CONNECTOR
W/2.25" I.D. PLUG NIPPLE

PERFS: 12,503'-13,659'
(19 INTERVALS)

BAKER MODEL "D" @ 12,400'
W/FLAPPER VALVE, 2 SEAL UNITS & 10 FT. PROD. TUBE W/

BAKER MODEL "C" EXPENDABLE PLUG HOLDER
ON BOTTOM

7-5/8" 33.7 LBS. S-95 LINER
@ 14,780' W/1700 SX.

13,800' PBTD
13,904' BP
PLUG BACK:
45 SX. 17,228'-16,928'
45 SX. 14,919'-14,614'
15 SX. 13,904'-13,800'

17,273' T.D.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Ute Tribe 14-20-H62-2505

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute

9. WELL NO.

1-18B5

10. FIELD AND POOL, OR WILDCAT

No. Uinta Basin

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREASW/4 NE/4 Section 18-
T 25-R 5W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Shell Oil Company (Rocky Mountain Division Production)

3. ADDRESS OF OPERATOR

1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface 2285' FML and 2055' FEL Sec 18

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6104 KB

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☒SHOOT OR ACIDIZE ☒REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

As per attached prognosis

cc's: Oil and Gas Conservation Commission -
Salt Lake City w/attachmentsAPPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 4-20-73

BY C.B. Feighly

18. I hereby certify that the foregoing is true and correct

SIGNED

K. B. JORDAN

TITLE Division Operations Engr.

DATE April 18, 1973

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved
Budget Bureau No. 42-R1424.5. LEASE DESIGNATION AND SERIAL NO.
Ute Tribe 14-20-1162-2505

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute

9. WELL NO.

1-18B5

10. FIELD AND POOL, OR WILDCAT

No. Uinta Basin11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA**SW 1/4 NE 1/4 Section 16-
T 28-R5W**

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ **Well dead**
2. NAME OF OPERATOR
Shell Oil Company (Rocky Mountain Division Production)
3. ADDRESS OF OPERATOR
1700 Broadway, Denver, Colorado 80202
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface **2285' FNL and 2055' FEL Sec 18**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6104 KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) **Gas Lift Prod Equip & Recompletion**PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

As per attached prognosis**2 cc's: Oil and Gas Conservation Commission -
Salt Lake City w/copies of prognosis**APPROVED BY DIVISION OF
OIL & GAS CONSERVATIONDATE **1-29-74**BY **C.S. Hughes**

18. I hereby certify that the foregoing is true and correct

SIGNED **Original David W.**TITLE **Division Operations Engr.**DATE **1-7-74**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

GAS LIFT
PRODUCTION EQUIPMENT AND
RECOMPLETION PROGNOSIS
UTE 1-18B5
DUCHESNE COUNTY, UTAH

PERTINENT DATA:

ELEV: 6,177' GL
KB-GL: 24'
PBSD: 13,800'

SHELL'S SHARE: 100%
AFE'S NOS: 596124 (Capital)
596127 (Expense)
596126 (Retirement)
597167 (R&R Expense)

PRESENT STATUS:

Well is dead. SITP = 0

PROPOSED WORK:

Pull tubing to packer, retire 3,000' 5½" 14# K-55 casing heat string, perforate and stimulate upper section, install gas lift mandrels w/dummies in place in preparation to gas lift well.

PROCEDURE:

1. Run full gauge paraffin knife to 2.25 seating nipple at 12,400'. Control well w/200± bbls of produced water or fresh water w/2% NaCl. If advised to do so, run and set Baker "FSG" plug in on-off connector nipple at 12,399'.
2. MI&RU CR. Remove tree. Install and test BOPE.
3. Pick up on tubing and run freepoint indicator.
4. If freepoint is at or below 12,395', continue with Step 5. If freepoint is above 12,395', go to Step 8.
5. Work pipe and attempt to release anchor seal assembly; try string shot if necessary. If release from pkr is accomplished, continue to Step 6. If unable to release, go to Step 8.
6. Circulate hole clean and POOH.
7. Pull and lay down 5½" heat string. Continue with Step 12.
8. Backoff tubing to collar above freepoint, or if advised to do so, using McCullough chemical tubing cutter, cut off tubing above freepoint. Circulate clean and POOH.
9. Pull and lay down 5½" heat string.
10. As advised, either washover fish to packer or using macaroni string, wash down beside fish to pkr. Backoff or cut and retrieve fish as necessary.

11. After washing down to pkr, rotate fish out of pkr. Circulate clean with 2% NaCl water and POOH.
12. On tubing, run the following equipment:
 - a. Baker plug holder w/"C" plug in place tested to 7,500 psi.
 - b. 30' x 2 7/8" NU 10 rd nonperforated production tube.
 - c. Anchor seal assembly w/6 seal units.
 - d. "EL" on-off connector w/Otis "N" nipple profile w/2.313 seal bore, 2.255" no-go.

Note: Cover "C" plug with 2 ft of tubing seal grease.
Fill tubing w/2% NaCl water while GIH.

13. Sting into pkr, latching in. Test with weight and tension. Test "C" plug to 7500 psi. Jay off on-off connector and pull up hole. With tail at 10,500', displace hole from 10,500' to surface with 9.0 ppg NaCl water. POOH.
14. Run CBL/VDL/PDC log from 12,400' (Model "D" packer) to top of cement in 9 5/8" casing. Discuss results of CBL with Division prior to proceeding if bonding is questionable or if cement top is below 9,800'.
15. Using a Hollow casing-type carrier gun (3 1/8" or 4" OD) and a charge designed to produce an entry hole of at least 0.45" diameter, perforate one (1) hole at each of the following depths: May be perforated from the bottom up if desired. (Depths refer to Sonic-GR log dated 6/7/71.)

9,923	10,130	10,285	10,400
9,924	10,131	10,313	10,401
9,925	10,241	10,314	10,461
9,926	10,242	10,333	10,462
10,022	10,272	10,381	10,463
10,023	10,273	10,382	10,464
10,128	10,274	10,383	10,465
10,129	10,279	10,399	

16. GIH with 9 5/8" retrievable casing (test, treat, squeeze) packer on tubing with 700 feet of tail below packer. With tail at 10,500' and packer at 9,800' treat the gross perforated interval 9,923 to 10,465 with 9,240 gallons (220 bbls) 15% HCl acid as follows:
 - a. Pump 103.5 bbls (4,350 gals) acid and set pkr. Pressure annulus to 2,000 psi to test pkr and for pressure backup on tubing.
 - b. Pump 116.5 bbls (4,890 gals) acid.
 - c. Flush w/103.5 bbls (4,350 gals) 9 ppg NaCl water containing 3 gals G-10 per 1,000 gals.

Note: All acid to contain the following additives per 1,000 gals: 3 gals G-10, 3 gals C-15, 3 gals J-22, 30 lb OS-160 wide range Unibeads and 30 lb OS-160 button Unibeads. Do not use ball sealers.

Treat at 8 BPM or maximum rate possible with an allowable surface press not to exceed 7,500 psi.

17. Leave well SI overnight or until surface tubing pressure is zero. If after being SI overnight there is still surface tubing pressure, bleed off tubing.
18. Bleed off casing pressure and release 9 5/8" pkr. SI and observe for surface pressure increase. If necessary control well with heavier salt water until well is dead. Pull tbg and pkr.
19. Run production equipment as follows:
 - a. Redressed top half of "EL" on-off connector.
 - b. 1,900' 2 7/8" N-80 tbg.
 - c. KBM-G mandrel w/dummy in place.
 - d. 700' 2 7/8" N-80 tubing.
 - e. Baker 9 5/8" "FH" hydraulic set pkr with 2.375" bore.
 - f. Approximately 9,800' 2 7/8" N-80 EUE tbg w/KBM-G mandrels with dummies in place at the following depths: 2900', 5500', 7500', 8900', and 9770'.
20. With tubing at 12,350±', displace annulus to 10,000' with 9 ppg inhibited NaCl water per Oil Letter No. 1. *OR HEAVIER S.W. IF REQUIRED FOR CONTROL.*
21. Engage the on-off sealing connector and rotate latch out of Model "D" pkr at 12,400'. Pick up tbg 3' and mark for landing. Space out and land tbg so that latch is 3' above pkr and seals are free to float in the Model "D" packer bore.
22. Pressure up on tubing to at least 2500 psi surface pressure to set "FH" pkr. Pressure test annulus to 2,000 psi to test pkr, bleed off all pressure.
23. NU tree and pressure test tubing and tree to 5,000 psi. MOCR.
24. RU wireline unit, pull dummy from mandrel and install flow through valve at 10,500' and flow off upper zone for cleanup. Pull flow through valve, re-install dummy in mandrel at 10,500' and pressure test tubing.
25. Install gas lift valves in mandrels at 2900', 5500', 7500', 8900', and 9770'.
26. Knock out tubing plug in bottom of tubing.
27. Hookup compressor and prepare to gas lift well.

GPD:sp *H. J. Irons*
10/22/73

Attachments

H. J. Irons
B. L. Faulk

Div. O.E. *KB 10-24-73*
Div. P.E. *250*

EXISTING DETAIL

UTE 1-18B5
ELEV. 6140 K.B.
K.B.-G.L. = 23.7'

AS COMPLETED
8-9-72

20" 94 LBS. H-40
@ 240' W/630 SX.

DV IN 13-3/8" @ 1020'
W/1500 SX.

13-3/8" 48 LBS. S-80 & K-55
@ 4546' W/1000 SX.

BURNS 7-5/8" HANGER @
10,342' SQZ'D W/900 SX.

9-5/8" 47 LBS. S-95
@ 10,631' W/420 SX.

PERFS: 12,503'-13,659'
(19 INTERVALS)

7-5/8" 33.7 LBS. S-95 LINER
@ 14,780' W/1700 SX.

74 JTS. 5 1/2" 14 LBS. K-55
@ 2999' HEAT STRING

347 JTS. 2-7/8" 6.5 LBS. N-80 TUBING
W/5000 PSI SET DOWN ON PACKER

BAKER MODEL "FL" ON-OFF SEAL CONNECTOR
W/2.25" I.D. PLUG NIPPLE

BAKER MODEL "D" @ 12,400'
W/FLAPPER VALVE, 2 SEAL UNITS & 10 FT. PROD. TUBE W/

BAKER MODEL "C" EXPENDABLE PLUG HOLDER
ON BOTTOM

13,800' PBTD

13,904' BP

PLUG BACK:

45 SX. 17,228'-16,928'

45 SX. 14,919'-14,614'

15 SX. 13,904'-13,800'

17,273' T.D.

PROPOSED DETAIL

UTE 1-18B5

10/16/73

[Signature]

PROPOSED

KBM-G Mandrels
2900', 5500'
7500', 8900'
9770'.

± 9800' - BAKER 9⁵/₈" FH PKR

PROPOSED GROSS INTERVAL
9923 - 10465 (31 perfs)

± 10500' - KBM-G w/Dummy.

- "EL" ON-OFF CONNECTOR w/ OTIS "N" PROFILE.
- ANCHOR TUBING SEAL w/ 6 SEAL UNITS - NOT LATCHED IN
- 30' PRODUCTION TUBE
- "C" PLUG IN "B" PLUG HOLDER.

240' - 20"

2⁷/₈" N-80 EVE

4546' - 13³/₈"

TOL = 10342'

10631' - 9⁵/₈"

"D" @ 12400'

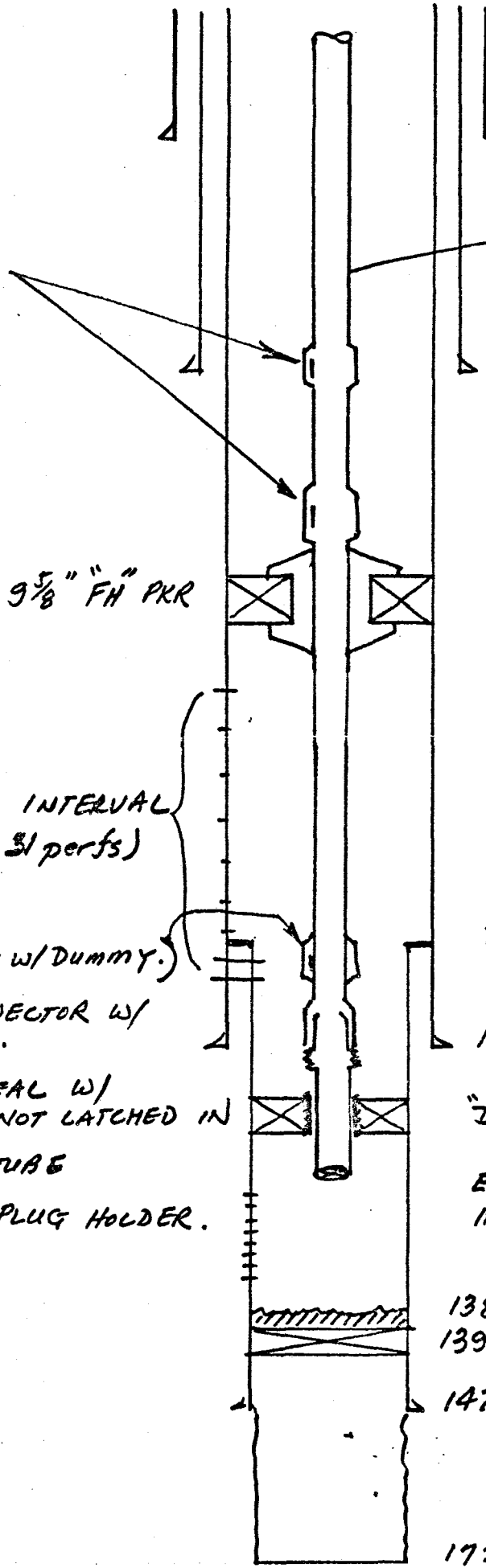
EXISTING PERFS: GROSS
INTERVAL 12503 - 13659

13800 PBTD

13904 CIBP

14780' - 7⁵/₈"

17273 TD



GAS LIFT
PRODUCTION EQUIPMENT AND
RECOMPLETION PROGNOSIS
UTE 1-18B5
DUCHESNE COUNTY, UTAH

PERTINENT DATA:

ELEV: 6,177' GL
KB-GL: 24'
PBSD: 13,800'

SHELL'S SHARE: 100%
AFE'S NOS: 596124 (Capital)
596127 (Expense)
596126 (Retirement)
597167 (R&R Expense)

PRESENT STATUS:

Well is dead. SITP = 0

PROPOSED WORK:

Pull tubing to packer, retire 3,000' 5½" 14# K-55 casing heat string, perforate and stimulate upper section, install gas lift mandrels w/dummies in place in preparation to gas lift well.

PROCEDURE:

1. Run full gauge paraffin knife to 2.25 seating nipple at 12,400'. Control well w/200± bbls of produced water or fresh water w/2% NaCl. If advised to do so, run and set Baker "FSG" plug in on-off connector nipple at 12,399'.
2. MI&RU CR. Remove tree. Install and test BOPE.
3. Pick up on tubing and run freepoint indicator.
4. If freepoint is at or below 12,395', continue with Step 5. If freepoint is above 12,395', go to Step 8.
5. Work pipe and attempt to release anchor seal assembly; try string shot if necessary. If release from pkr is accomplished, continue to Step 6. If unable to release, go to Step 8.
6. Circulate hole clean and POOH.
7. Pull and lay down 5½" heat string. Continue with Step 12.
8. Backoff tubing to collar above freepoint, or if advised to do so, using McCullough chemical tubing cutter, cut off tubing above freepoint. Circulate clean and POOH.
9. Pull and lay down 5½" heat string.
10. As advised, either washover fish to packer or using macaroni string, wash down beside fish to pkr. Backoff or cut and retrieve fish as necessary.

11. After washing down to pkr, rotate fish out of pkr. Circulate clean with 2% NaCl water and POOH.
12. On tubing, run the following equipment:
 - a. Baker plug holder w/"C" plug in place tested to 7,500 psi.
 - b. 30' x 2 7/8" NU 10 rd nonperforated production tube.
 - c. Anchor seal assembly w/6 seal units.
 - d. "EL" on-off connector w/Otis "N" nipple profile w/2.313 seal bore, 2.255" no-go.

Note: Cover "C" plug with 2 ft of tubing seal grease.
Fill tubing w/2% NaCl water while GIH.

13. Sting into pkr, latching in. Test with weight and tension. Test "C" plug to 7500 psi. Jay off on-off connector and pull up hole. With tail at 10,500', displace hole from 10,500' to surface with 9.0 ppg NaCl water. POOH.
14. Run CBL/VDL/PDC log from 12,400' (Model "D" packer) to top of cement in 9 5/8" casing. Discuss results of CBL with Division prior to proceeding if bonding is questionable or if cement top is below 9,800'.
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Note: All acid to contain the following additives per 1,000 gals: 3 gals G-10, 3 gals C-15, 3 gals J-22, 30 lb OS-160 wide range Unibeads and 30 lb OS-160 button Unibeads. Do not use ball sealers.

Treat at 8 BPM or maximum rate possible with an allowable surface press not to exceed 7,500 psi.

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18. Bleed off casing pressure and release 9 5/8" pkr. SI and observe for surface pressure increase. If necessary control well with heavier salt water until well is dead. Pull tbg and pkr.
19. Run production equipment as follows:
 - a. Redressed top half of "EL" on-off connector.
 - b. 1,900' 2 7/8" N-80 tbg.
 - c. KBM-G mandrel w/dummy in place.
 - d. 700' 2 7/8" N-80 tubing.
 - e. Baker 9 5/8" "FH" hydraulic set pkr with 2.375" bore.
 - f. Approximately 9,800' 2 7/8" N-80 EUE tbg w/KBM-G mandrels with dummies in place at the following depths: 2900', 5500', 7500', 8900', and 9770'.
20. With tubing at 12,350±', displace annulus to 10,000' with 9 ppg inhibited NaCl water per Oil Letter No. 1. *OR HEAVIER S.W. IF REQUIRED FOR CONTROL.*
21. Engage the on-off sealing connector and rotate latch out of Model "D" pkr at 12,400'. Pick up tbg 3' and mark for landing. Space out and land tbg so that latch is 3' above pkr and seals are free to float in the Model "D" packer bore.
22. Pressure up on tubing to at least 2500 psi surface pressure to set "FH" pkr. Pressure test annulus to 2,000 psi to test pkr, bleed off all pressure.
23. NU tree and pressure test tubing and tree to 5,000 psi. MOCR.
24. RU wireline unit, pull dummy from mandrel and install flow through valve at 10,500' and flow off upper zone for cleanup. Pull flow through valve, re-install dummy in mandrel at 10,500' and pressure test tubing.
25. Install gas lift valves in mandrels at 2900', 5500', 7500', 8900', and 9770'.
26. Knock out tubing plug in bottom of tubing.
27. Hookup compressor and prepare to gas lift well.

GPD:sp
10/22/73

Attachments

H. J. Irons
B. L. Faulk

Div. O.E.
Div. P.E. *10-24-73*

EXISTING DETAIL

UTE 1-18B5
ELEV. 6140 K.B.
K.B.-G.L. = 23.7'

AS COMPLETED
8-9-72

20" 94 LBS. H-40
@ 240' W/630 SX.

DV IN 13-3/8" @ 1020'
W/1500 SX.

13-3/8" 48 LBS. S-80 & K-55
@ 4546' W/1000 SX.

BURNS 7-5/8" HANGER @
10,342' SQZ'D W/900 SX.

9-5/8" 47 LBS. S-95
@ 10,631' W/420 SX.

PERFS: 12,503'-13,659'
(19 INTERVALS)

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W/5000 PSI SET DOWN ON PACKER

BAKER MODEL "FL" ON-OFF SEAL CONNECTOR
W/2.25" I.D. PLUG NIPPLE

BAKER MODEL "D" @ 12,400'
W/FLAPPER VALVE, 2 SEAL UNITS & 10 FT. PROD. TUBE W/

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ON BOTTOM

13,800' PBTD
13,904' BP
PLUG BACK:
45 SX. 17,228'-16,928'
45 SX. 14,919'-14,614'
15 SX. 13,904'-13,800'

17,273' T.D.

PROPOSED DETAIL

UTE 1-18B5

10/16/73

[Signature]

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KBM-G Mandrels
2900', 5500'
7500', 8900'
9770'.

± 9800' - BAKER 9 $\frac{5}{8}$ " FH PKR

PROPOSED GROSS INTERVAL
9923 - 10465 (31 perfs)

± 10500' - KBM-G W/DUMMY.

- "EL" ON-OFF CONNECTOR W/ OTIS "N" PROFILE.
- ANCHOR TUBING SEAL W/ 6 SEAL UNITS - NOT LATCHED IN
- 30' PRODUCTION TUBE
- "C" PLUG IN "B" PLUG HOLDER.

240' - 20"

2 $\frac{7}{8}$ " N-80 EVE

4546' - 13 $\frac{3}{8}$ "

TOL = 10342'

10631' - 9 $\frac{5}{8}$ "

"D" @ 12400'

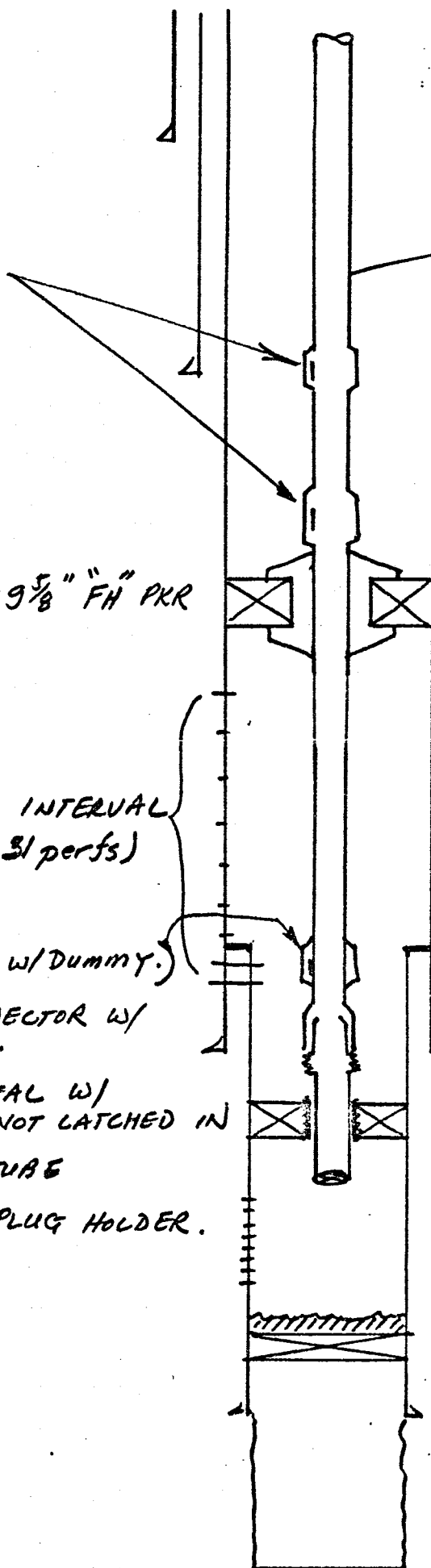
EXISTING PERFS: GROSS
INTERVAL 12503 - 13659

13800 PBTD

13904 CIBP

14780' - 7 $\frac{5}{8}$ "

17273 TD



WELL STIMULATION
SHELL OIL COMPANY

FROM: 5-25 - 7-19-72

LEASE	UTE
DIVISION	ROCKY MOUNTAIN
COUNTY	DUCHESNE

ALTAMONT	
WELL NO.	1-18B5
ELEV	6104 KB
STATE	UTAH

UTAH

ALTAMONT FIELD

Shell-Ute Unit 1-18B5
(Stimulate well)

"FR" TD 17,273. PB 13,800. Prep to flow. AFE #582977 provides funds to stimulate well. MI&RU Dowell to AT gross perms 12,503-13,659 w/5000 gal 7½% HCl containing 20# J-133, 3 gal A-170 and 3 gal F-52 per 1000 gal. Distributed 425 3/4" phenolic ball sealers (1.4 gravity) evenly throughout acid. Max press 9100 psi, min 4200 psi, avg 8500 psi. Max rate 14 B/M, min 10 B/M, avg 12 B/M. ISIP 4000 psi to 1300 psi in 5 min to 500 psi in 10 min to vac in 30 min. Flushed w/5400 gal FW containing 250# NaCl, 83# KCl and 5# J-120 per 1000 gal. SD for 1 hr. Let ball sealers fall to btm. Started frac trtmt as follows: Pmpd 3000 gal 7½% HCl containing 300- 3/4" phenolic ball sealers (1.4 gravity) and 60# J-133 evenly distributed throughout acid. Pmpd 1000 gal 15% HCl followed by 500 gal frac fluid followed by 2000 gal frac fluid containing 3/4# 20-40 Ucar props per gal. Dumped 10 ball sealers and pmpd 1000 gal 15% HCl followed by 500 gal frac fluid, followed by 2000 gal frac fluid containing 3/4# 20-40 Ucar props per gal. Dumped 25 balls and pmpd 1000 gal 15% HCl followed by 500 gal frac fluid followed by 2000 gal frac fluid containing 3/4# 20-40 Ucar props per gal. Dumped 16 balls and pmpd 1000 gal 15% HCl followed by 5000 gal frac fluid followed by 2000 gal frac fluid containing 3/4# 20-40 Ucar props per gal. Dumped 10 balls and pmpd 1000 gal 15% HCl followed by 500 gal frac fluid followed by 2000 gal frac fluid containing 3/4# 20-40 Ucar props per gal. Dumped 16 ball sealers and pmpd 1000 gal 15% HCl followed by 500 gal frac fluid followed by 2000 gal frac fluid containing 3/4# 20-40 Ucar props per gal. Dumped 18 ball sealers and pmpd 1000 gal 15% HCl followed by 500 gal frac fluid followed by 2000 gal frac fluid containing 3/4# 20-40 Ucar props per gal. Dumped 25 ball sealers and pmpd 1000 gal 15% HCl followed by 500 gal frac fluid followed by 2000 gal frac fluid containing 3/4# 20-40 Ucar props per gal. Dumped 22 ball sealers and pmpd 1000 gal 15% HCl followed by 500 gal frac fluid followed by 2000 gal frac fluid containing 3/4# 20-40 Ucar props per gal. Dumped 10 ball sealers and pmpd 1000 gal 15% HCl followed by 500 gal frac fluid followed by 2000 gal frac fluid containing 3/4# 20-40 Ucar props per gal. Dumped 10 ball sealers and pmpd 1000 gal 15% HCl followed by 500 gal frac fluid followed by 2000 gal frac fluid containing 3/4# 20-40 Ucar props per gal. Dumped 18 ball sealers and pmpd 1000 gal 15% HCl followed by 500 gal frac fluid followed by 2000 gal frac fluid containing 3/4# 20-40 Ucar props per gal.

(Continued)

(Cont'd)

Ucar props per gal. Dumped 25 ball sealers and pmpd 1000 gal 15% HCl followed by 500 gal frac fluid followed by 2000 gal frac fluid containing 3/4# 20-40 Ucar props per gal. Dumped 10 ball sealers and pmpd 1000 gal 15% HCl followed by 500 gal frac fluid followed by 2000 gal frac fluid containing 3/4# 20-40 Ucar props per gal. Dumped 30 ball sealers and displaced w/5400 gal FW containing 5# J-120 for each 1000 gal. Frac fluid contained following in each 1000 gal FW: 250# NaCl, 83# KCl, 80# J-249, 1.2# L-110. Acid contained 20# J-133, 3 gal A-170 and 3 gal F-52 per 1000 gal. Max press 10,000 psi, min 8700 psi, avg 9500 psi. Max rate 15 B/M, min 10 B/M, avg 13 B/M. ISIP 5100 psi decr to 4750 in 10 min, incr to 4800 psi in 15 min and decr to 4750 in 30 min and to 4400 psi in 1 hr. SI 14 hr. SITP 700 psi. MAY 25 1972

Shell-Ute Unit 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing to pits. Opened well to pits @ 9:30 AM. On 21½ hr test, flowed 21 BLW and no oil w/zero TP. MAY 26 1972

Shell-Ute Unit 1-18B5
(Stimulate well)

On 5/26, flowed to pit 13 hrs - 0 BO, 9 BW, and no gas, SI 8 p.m. On 5/27, after 11 hr SI, 300 psi. SI 24 hrs. On 5/28, TP 650. Opened well 8 a.m. 5/28, and flowed 1 bbl oil and died. SI. On 5/29, TP 800 psi. RU Newsco and op'd well to pit. Started injecting nitrogen at rate of 300 cf per minute. Ran to 6000'; hit small bridge. Ran to 10,000' w/no increase of wtr. Ran to bottom of tbg at 12,400'; no increase. Jetted 7½ hrs recovering approx 270 bbls of wtr, 15 bbls of oil. Ran out of nitrogen. Rig down 6 p.m. Flowed well overnight rec'g 9 BO and 16 BW. MAY 30 1972

Shell-Ute 1-18B5
(stimulate well)

TD 17,273. PB 13,800. Flwg by heads. On 24-hr test, flwd 71 BO, 20 BW and 49 MCF on 18/64" MAY 31 1972
chk w/TP fluctuating from 300 psi FTP to treater press.

Shell-Ute 1-18B5
(stimulate well)

TD 17,273. PB 13,800. Flwg by heads. On 24-hr test, flowed 119 BO, 48 BW and 202 MCF on 18/64" chk w/450 FTP to treater press. JUN 1 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing by heads. On 24-hr test, flowed 75 BO, 49 BW and 227 MCF on 14/64" chk w/520 FTP to treater press, 50 CP. JUN 2 1972

Shell-Ute 1-18B5
(stimulate well)

TD 17,273. PB 13,800. Flowing.
On 24-hr tests, rates as follows:

Date	BO	BW	MCF	Choke	FTP	CP
6/2	110	37	147	14/64"	500	50
6/3	57	27	139	14/64"	850	50
6/4	77	5	125	14/64"	600	50

JUN 5 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, well
flowed 62 BO, 10 BW and 293 MCF gas on 16/64" chk w/
700 psi FTP and 60 psi CP. JUN 6 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, well
flowed 67 BO and 1 BW w/101 MCF gas on 17/64" chk w/
500 psi FTP and 50 psi CP. JUN 7 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, flowed
65 BO and 45 BW w/139 MCF gas on 20/64" chk w/500 psi
FTP and 50 psi CP. JUN 8 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, flowed
83 BO and 78 BW w/133 MCF gas on 20/64" chk w/225 psi
FTP and 50 psi CP. JUN 9 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr tests, flowed
as follows:

Date	BO	BW	MCF Gas	Chk	FTP	CP
6/10	70	73	105	25/64"	75	50
6/11	67	88	105	30/64"	75	50
6/12	21	58	147	30/64"	75	0

JUN 12 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, flowed
67 BO and 75 BW w/117 MCF gas on 30/64" chk w/75 psi
FTP and zero CP. JUN 13 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, flowed
41 BO and 69 BW w/112 MCF gas on 30/64" chk w/400 psi
FTP and 50 psi CP. JUN 14 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, flowed
49 BO and 70 BW w/114 MCF gas on 30/64" chk w/100 psi
FTP and 50 psi CP. Ran wax cutter to 8500' - no wax.

JUN 15 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, flowed
10 BO and 54 BW w/115 MCF gas on 30/64" chk w/100 psi
FTP and 50 psi CP.

JUN 16 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr tests,
flowed as follows:

Date	BO	BW	MCF Gas	Chk	FTP	CP
6/17	75	94	82	30/64"	75	50
6/18	46	73	79	30/64"	75	50
6/19	52	74	81	30/64"	75	50

JUN 19 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, flowed
62 BO and 73 BW w/143 MCF gas on 30/64" chk w/75 psi FTP
and 50 psi CP. JUN 20 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, flowed
41 BO and 80 BW w/81 MCF gas on 30/64" chk w/225 psi FTP
and 50 psi CP. JUN 21 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, flowed
43 BO and 47 BW w/89 MCF gas on 30/64" chk w/200 psi
FTP and 50 psi CP. JUN 22 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, flowed
52 BO and 38 BW w/80 MCF gas on 33/64" chk w/350 psi FTP
and 50 psi CP. JUN 23 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr tests,
flowed as follows:

Date	BO	BW	MCF Gas	Chk	FTP	CP
6/24	52	28	124	33/64"	125	50
6/25	18	38	87	33/64"	75	50
6/26	67	31	91	33/64"	75	50

JUN 26 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, flowed
54 BO and 84 BW w/87 MCF gas on 33/64" chk w/250 psi FTP
and 50 psi CP. JUN 27 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, flowed
16 BO and 42 BW w/92 MCF gas on 33/64" chk w/75 psi FTP
and 50 psi CP. JUN 28 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, flowed
70 BO and 57 BW w/97 MCF gas on 33/64" chk w/75 psi FTP
and 50 psi CP. JUN 29 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test,
flowed 39 BO and 61 BW w/110 MCF gas on 33/64" chk
w/250 psi FTP and 50 psi CP. JUN 30 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr tests, well
flowed as follows: JUL 5 1972

Date	BO	BW	MCF Gas	Chk	FTP	CP
7/4	62	82	135	33/64"	175	50
7/5	41	80	112	33/64"	250	80

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr tests, well
flowed as follows: JUL 3 1972

Date	BO	BW	MCF Gas	Chk	FTP	CP
7/1	60	84	111	33/64"	150	50
7/2	59	77	135	33/64"	200	50
7/3	72	91	127	33/64"	300	50

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, well
flowed 46 BO and 93 BW w/151 MCF gas on 33/64" chk w/
200 psi FTP and 50 psi CP. JUL 6 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test,
flowed 93 BO, 31 BW, and 112 MCF gas on 30/64" chk
w/200 FTP and 50 CP. JUL 7 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr tests, well
flowed as follows:

Date	BO	BW	MCF Gas	Chk	FTP	CP
7/8	65	68	123	33/64"	450	50
7/9	54	44	112	35/64"	350	50
7/10	63	52	112	35/64"	350	80

JUL 10 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, well
flowed 86 BO and 59 BW w/112 MCF gas on 35/64" chk w/350
psi FTP and 80 psi CP. JUL 11 1972.

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, well
flowed 59 BO and 61 BW w/84 MCF gas on 35/64" chk w/
350 psi FTP and 60 psi CP. JUL 12 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, well
flowed 75 BO and 58 BW w/114 MCF gas on 35/64" chk w/
300 psi FTP and 50 psi CP. JUL 13 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr test, well
flowed 93 BO and 88 BW w/141 MCF gas on 35/64" chk w/
300 psi FTP and 80 psi CP. JUL 14 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Flowing. On 24-hr tests, well
flowed as follows: JUL 17 1972

<u>Date</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>	<u>CP</u>
7/15	77	114	156	35/64"	375	60
7/16	106	121	142	35/64"	400	60
7/17	106	104	159	35/64"	375	60

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. SI. On 18-hr test, well
flowed 137 BO and 104 BW w/127 MCF gas on 35/64"
chk to SI w/70 psi CP. BHP bomb on btm @ 12,500'
@ 8:20 PM, 7/17. JUL 18 1972

Shell-Ute 1-18B5
(Stimulate well)

TD 17,273. PB 13,800. Well SI for BHP. WELL
STIMULATION COMPLETE. On 24-hr test 5/23/72, prior
to stimulation, well flowed 271 BO and 70 BW w/282
MCF gas on 22/64" chk w/300 psi FTP and 50 psi CP.
On 24-hr test ending 7 AM, 7/17/72, well flowed 106
BO and 104 BW w/159 MCF gas on 35/64" chk w/375 psi
FTP and 60 psi CP from gross GR-Wasatch perfs 12,503-
13,659. JUL 19 1972
FINAL REPORT.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIP DATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

Ute Tribe 14-20-H62-2505

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute

9. WELL NO.

1-18B5

10. FIELD AND POOL, OR WILDCAT

No. Uinta Basin

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREASW/4 NE/4 Section 18-
T2S-R5W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL ☒ GAS ☐
WELL WELL OTHER

2. NAME OF OPERATOR

Shall Oil Company

3. ADDRESS OF OPERATOR

1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

2285' FNL and 2055' FEL Section 18

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6104 KB

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☒

FRACTURE TREATMENT

SHOOTING & ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

☐
☐
☐
☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

As per attached report.

2 cc: Oil and Gas Conservation Commission
Salt Lake City - w/attachment

18. I hereby certify that the foregoing is true and correct

SIGNED

T.S. Mize

TITLE

Division Operations Engr.

DATE

6/10/74

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

PERF & AT	LEASE	UTE	WELL NO.	ALTAMONT
SHELL OIL COMPANY	DIVISION	ROCKY MTN	LEV	1-18B5
FROM: 4-17 - 5-7-73	COUNTY	DUCHESNE	STATE	6104 KB
				UTAH

JUL 03 1973

UTAH

ALTAMONT

Shell-Ute 1-18B5
(Perf and AT)

"FR" TD 17,273. PB 13,800. Prep to AT.
AFE #591677 provides funds to perf 5 intervals and AT
gross interval. MI&RU OWP on 4/16/73. Perf'd 2
holes/ft at each of the following intervals undirec-
tionally using magnetic decentralized 2" steel tube
carrier gun w/JRC charges: 13,617-13,619, 13,352-
13,354, 13,101-13,103, 12,652-12,654 and 12,647-12,649.
Starting press 85 psi, incr to 100 psi after last shot.
Depths refer to McC depth control log dated 11/6/71.
Gun would not go below 13,724. Shot 13,617-13,619 and
13,352-13,354 instead of 13,736-13,738 and 13,743-13,745. APR 17 1973

Shell-Ute 1-18B5
(Perf and AT)

TD 17,273. PB 13,800. Prep to flow back. Acid trtd
well in two stages as follows: First Stage: Pmpd
10,000 gal 15% HCl containing 200- 3/4" RCN ball
sealers w/1.24 sp gr distributed evenly in acid.
Second Stage: Pmpd 25,000 gal 15% HCl w/300 ball
sealers, as above, evenly distributed throughout acid.
Each 1000 gal acid contained 20# G-5, 3 gal C-15, 10
gal J-7, 3 gal J-22, 30# OS-160 Wide Range Unibeads
and 30# OS-160 Unibead Buttons. Flushed w/5500 gal FW
containing 20# G-5 and 165# NaCl/1000 gal. Max press
9400 psi, avg 6600 psi, min 4200 psi. Max rate 11 B/M,
avg 10 B/M, min 5 B/M. ISIP 2800 psi decr to 2400 psi
in 5 min, to 2100 psi in 10 min, to 1700 psi in 15 min,
to 1300 psi in 20 min and to 900 psi in 25 min. With
678 bbls acid pmpd, press broke from 9400 to 6600. Pmpd
remainder of acid and flush @ 6500#. Had ball and bead
action. Small buildup and breaks. APR 18 1973

Shell-Ute 1-18B5
(Perf and AT)

TD 17,273. PB 13,800. WO rig. Removed 10,000# tree
and installed 5000# tree. Opened well, well on vac,
SI. APR 19 1973

Shell-Ute 1-18B5
(Perf and AT)

TD 17,273. PB 13,800.

4/20: WO rig.

4/21: Working tbg, attempting to unlatch pkr. MI&RU Western Oilwell Service Company rig #17 on 4/20. Installed BPV, removed tree, installed BOP, removed BPV and tested BOP to 5000 psi. Latched onto tbg - could not unlatch pkr seal assembly. Worked tbg 2 hrs - could not unlatch pkr seal assembly or on-off connector.

4/22: SITP 380 psi. Turned to tank battery @ 7 AM,

4/22. TP on 4/21 zero. Picked up tbg, removed donut - well started to flow. Installed donut and landed tbg. RU Archer Reed. Ran Otis type "CW" tbg plug and set in collar @ 1006'. TP 1000 psi. Installed BPV, removed BOP, installed 5000# tree, removed BPV and pulled tbg plug. Flowed to tank battery for 2 hrs on 1" chk w/press from 1000 psi to zero. Flowed 3 BO and 45 BW. Well died. SI well @ 12 AM. APR 23 1973

4/23: RU Newsco. On 4/22, opened to tank battery 24 hrs, flowing 5 BO and 21 BW, flowing by heads.

Shell-Ute 1-18B5
(Perf and AT)

TD 17,273. PB 13,800. Well dead. RU Newsco on 4/23 and ran 1" coil tbg unit to 5000'. Circ N₂ @ 300 cu ft per min for 6 hrs. Est 21 BO and 105 BW. SD 1 hr and unloaded est 5 BW and tr oil w/3500 cu ft N₂. SD 2 hrs and unloaded est 10 BW and 1 BW w/5600 cu ft N₂. Turned to pit @ 7 PM. RD Newsco. At report time on 4/24, opened to pit on 6/64" chk - well dead. APR 24 1973

Shell-Ute 1-18B5
(Perf and AT)

TD 17,273. PB 13,800. SI, prep to run slick line. TP 480 psi. Flowed well to pit on 4/24 from 12-1 PM - well died. Flowed approx 50 BW and 10 BO on 64/64" chk w/200 psi to zero TP. APR 25 1973

Shell-Ute 1-18B5
(Perf and AT)

TD 17,273. PB 13,800. SI. APR 26 1973

Shell-Ute 1-18B5
(Perf and AT)

TD 17,273. PB 13,800. SI. APR 27 1973

Shell-Ute 1-18B5
(Perf and AT)

TD 17,273. PB 13,800. Flowing. On 24-hr test, well flowed 118 BO w/no wtr or gas on 48/64" chk. APR 30 1973

Shell-Ute 1-18B5
(Perf and AT)

TD 17,273. PB 13,800. SI. MAY 1 1973

Shell-Ute 1-18B5
(Perf and AT)

TD 17,273. PB 13,800. SI. MAY 2 1973

Shell-Ute 1-18B5
(Perf and AT)

TD 17,273. PB 13,800. SI. MAY 3 1973

Shell-Ute 1-18B5
(Perf and AT)

TD 17,273. PB 13,800. SI. MAY 4 1973

Shell-Ute 1-18B5
(Perf and AT)

TD 17,273. PB 13,800. PERFORATION AND ACID TREATMENT
COMPLETE. On test 4/3/73, prior to work, flowed 96 BO
on 32/64" chk on 12-hr test. On test 5/4/73, after
work, flowed 168 BO on 1" chk w/1400 to zero FTP on
3-hr test. Well died.
FINAL REPORT.

MAY 7 1973

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Ute Tribe 14-20-H62-2505	
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe	
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2285' FNL and 2055' FEL Section 18		8. FARM OR LEASE NAME Ute	
14. PERMIT NO.		9. WELL NO. 1-18B5	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6104 KB		10. FIELD AND POOL, OR WILDCAT No. Uinta Basin	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4 NE/4 Section 18- T2S-R5W	
		12. COUNTY OR PARISH Duchesne	
		13. STATE Utah	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING & ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Install gas lift eqmt</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*			

As per attached report

2 cc: Oil and Gas Conservation Commission
Salt Lake City - w/attachment

18. I hereby certify that the foregoing is true and correct

SIGNED

T.S. MizeTITLE Division Operations Engr.DATE 10/17/74

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

REPERFORATE, ACID TREAT AND INSTALL GAS LIFT

ALTAMONT

SHELL OIL COMPANY

LEASE

UTE

WELL NO.

1-18B5

DIVISION

WESTERN

ELEV

6104 KB

COUNTY

DUCHESENE

STATE

UTAH

4/30/74 - 10/3/74

LOCATION

SW/4 NE/4 SECTION 18-T2S-R5W

UTAH

ALTAMONT

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift
eqmt)

"FR" TD 17,273. PB 13,800. RU. AFE Nos. 596124,
596126, 596127 and 597167 provides funds to reperf,
stim and install gas lift eqmt. On 4/29/74, MI
Western Oilwell Service rig #17.

APR 30 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift
eqmt)

TD 17,273. PB 13,800. Prep to run freepoint. Finished
RU Western. TP 500 psi. Opened to pit, flwg 10 bbls -
press 1500 psi. Pmpd 25 bbls SW - press zero. Installed
BPV, removed 5000# tree, installed BOP, removed donut and
worked tbg to 120,000#.

MAY 1 - 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift
eqmt)

TD 17,273. PB 13,800. Circ. RU McC and ran freepoint.
Indicated freepoint at 12,394 (6' above pkr). Shot
string shot across on-off connector and pkr - could not
work free. Ran back off shot 1 jt above pkr and backed
off - tbg wt 72,000#.

MAY 2 - 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift
eqmt)

TD 17,273. PB 13,800. Pulling out of hole. Circ
hole w/9.2# SW. Circ out 150 bbls hvy mud and 250
bbls muddy wtr. Did not cln up csg. Lost est 200
bbls SW last 24 hrs.

MAY 3 - 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift
eqmt)

5/4: TD 17,273. PB 13,800. Running wash pipe on tubing.
On 5/3 pulled out of hole and recovered 398 jts tbg, 8'
of subs and 2-7/8 x 7" centralizers. Installed back
pressure valve and removed BOP and tubing spool. Installed
BOP and tested to 5,000 psi - OK. Today's cost \$5306,
cum cost \$14,870 (WO #596127). Worked to free doughnut
on 5-1/2 heat string 4 hrs. Pulled and laid down 3000'
5-1/2 csg and picked up 1 jt of 5-1/2 wash pipe, 38' long.
5/5: TD 17,278. PB 13,800. Pulling tbg and wash pipe.
Finished running wash pipe to 12,416. Circ hole w/800 gal
B-J mud flush and 900 bbls 9.2 salt water.
Today's cost \$3429, cum cost \$18,299 (WO #596127)

5/6: Pulling out of hole.

MAY 6 - 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift
eqmt)

TD 17,273. PB 13,800.. Pulling out of hole. Laid
down csg scraper and wash pipe and picked up left
hand release overshot and bumper sub. Ran on tbg,
latched on to fish and screwed out of pkr.
Today's costs \$1,200 (W.O. 596126)

MAY 7 - 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift
eqmt)

TD 17,273. PB 13,800. Pulling out of hole. Did not
rec fish. Picked up 4-1/4" overshot and bumper sub and
ran on tbg. Latched onto fish and worked fish 1-1/2
hrs. Overshot slipped off or unscrewed from pkr. Started
pulling out of hole.

MAY 8 - 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift
eqmt)

TD 17,273. PB 13,800. Testing tbg plug. Finished
pulling out of hole, rec'g on-off connector, seal
assembly and prod tube. Picked up Baker plug holder
w/Model "C" plug in place - tested to 7500 psi in both
directions, 10' x 2-7/8" NU nonperf'd prod tube, Baker
anchor seal assembly w/6 seals, Baker "EL" on-off
connector w/Otis N nipple profile w/2.313" seal bore w/
2.255" no go and ran on tbg. Latched into pkr.

MAY 9 - 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift
eqmt)

TD 17,273. PB 13,800. Pulling out of hole. Tested
tbg plug to 7500 psi for 5 min, losing press. Started
pulling out of hole. Found split jt 36 jts from on-off
connector. Reran tbg string, stung into pkr and tested
plug to 7500 psi, OK. Released from on-off connector.

MAY 10 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift
eqmt)

TD 17,273. PB 13,800.

5/11: Prep to perf. Pulled out of hole. RU OWP and
ran CBL, VDL and PDC logs from 12,350-9500. RD OWP.

5/12: Prp to AT on 5/13. RU OWP and perf'd one hole
at each of the following depths w/4" OD csg carrier gun.
All depths refer to Sonic-GR log dated 6/7/71. Perf'd
9,923, 9,924, 9,925, 9,926, 10,022, 10,023, 10,128,
10,129, 10,130, 10,131, 10,241, 10,242, 10,272, 10,273,
10,274, 10,279, 10,285, 10,313, 10,314, 10,333, 10,381,
10,382, 10,383, 10,399, 10,400, 10,401, 10,461, 10,462,
10,463, 10,464, 10,465. No press change. Picked up
Baker ret 9-5/8" pkr w/61' of tail and ran on tbg. Set
pkr at 9848 w/tail at 9911.

5/13: SD on Sunday.

MAY 13 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift
eqmt)

TD 17,273. PB 13,800. Prep to circ out ball. TP
on 5/13 zero. MI&RU B-J and AT gross perfs 9923-
10,465 w/9240 gal 15% HCl. All fluid heated to 80 deg.
Press'd annulus to 2000 psi. Each 1000 gal acid con-
tained 3 gal G-10, 3 gal C-15, 3 gal J-22, 30# OS-160
Wide Range Unibeads and 30# OS-160 Button Unibeads.
Flushed w/104 bbls 9.3 ppg SW w/each 1000 gal containing
3 gal G-10. Pmpd trtmt as follows: 6 bbls acid, dropped
one 7/8" 0.9 gr ball sealer. Repeated 6 bbls acid and
one ball sealer 36 times followed by flush. Max press
5800 psi, avg 4800 psi, min 3200 psi. Max rate 10 B/M,
avg 8.6 B/M, min 3 B/M. ISIP 3000 psi decr to 2100 psi
(Continued)

MAY 14 1974

Shell-Ute 1-18B5

(Continued)

in 5 min to 2000 psi in 10 min to 1800 psi in 15 min to 1600 psi in 20 min, on vac in 2 hrs. With 259 bbls and 33 balls on fm, balled out. SD 5 min and pmpd remainder of flush. Good ball action and breaks. Unseated pkr, reversed btms up, circ out balls and pulled out of hole. Ran tbg open ended to 4000'. MAY 14 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift
eqmt)

TD 17,273. PB 13,800. Prep to pull dummy at 9757 and circ annulus. Pmpd 150 bbls 9.3 ppg SW. Rec'd 25 BO, losing circ. Pulled out of hole. Ran prod eqmt as follows: Top half Baker "EL" on-off connector w/2.313" Otis N profile w/2.255" no go, 4' tbg sub w/7" centralizer, 61 jts tbg, mandrel #8HO-919 w/top at 10,490, 22 jts tbg, Baker 9-5/8" FH pkr w/top at 9795, 1 jt tbg, mandrel #42HO-912 w/top at 9757, 28 jts tbg, mandrel #41HO-912 w/top at 8875, 44 jts tbg, mandrel #33H-912 w/top at 7492, 63 jts tbg, mandrel #8HO-917 w/top at 5515, 84 jts tbg, mandrel #2HO-917 w/top at 2880, 90 jts tbg, 4' sub, 6' sub, 8' sub, 1 jt tbg, 2-7/8" x 5-1/2" N-80 change-over and 5-1/2" donut. All tbg and subs 2-7/8" EUE 8rd N-80 and all mandrels Camco KBMG w/Type "E" dummies w/BK-2 latches. Latched onto on-off connector, unlatched from Model "D" pkr, picked up 3' and landed tbg. Press'd tbg to 2500 psi. Set FH pkr. Tbg landed in neutral. Bled off press and installed 5-1/2" BPV. Removed BOP. Installed tbg spool in tbg donut. Installed 5000# Xmas tree. Removed 5-1/2" BPV. Tested tree and tbg to 5000#, OK.

MAY 15 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift

TD 17,273. PB 13,800. Prep to pull dummy at 10,490. RU slick line and pulled dummy at 9757. Attempted to install flow-through valve at 9757 - could not get in pocket. Circ out SW and oil w/fresh trtd wtr. Released rig at 5 PM, 5/15/74.

MAY 16 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Prep to check mandrel at 9757. Tbg press 0, open to pit. Flowed estimated 5 bbls in 45 min, well died. RU Nowasco, ran to 12,400 pumping 375 cu ft nitrogen per min. Unloaded approx 500 bbl water w/trace oil. Indicated annulus communicated w/tbg. Pulled out of hole, RD Nowasco.

MAY 17 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800.
5/18-20: RU Nowasco. RU slick line on 5/17 and checked dummy at 9795, OK. No communication between tbg and csg. Knocked out Baker plug at 12,410 and followed to PBTD. RD slick line and SD over weekend.

MAY 20 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Prep to kill well. RU Newsco
coil tbg and ran to 10,490 - could not go deeper.
Pulled out of hole - no marks on end of tbg. Ran to
10,530, set down and worked tbg. Ran to 13,688. SD
and cldd well w/N2. Pulled to 5000' - 1" tbg collapsed.
SD, prep to kill well.

Correction to 5/18-20 report: Knocked out Baker plug at
12,410 and followed to 13,630 instead of PBTD as
reported.

MAY 21 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Prep to pull dummy and install
gas lift valves. Pmpd 70 bbls 10# SW down tbg to kill
well. Rec'd 5144' of collapsed 1" tbg. Found split
in tbg at 5144 (100' from tail).

Addition to report dated 5/21: Jetted and flwd approx
1000 BW and 8 BO.

MAY 22 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. SI, WO compressor. RU slick
line. Installed collar stop at 10,586. Pulled all
dummies from mandrels and ran valves w/valve settings
as follows: Mandrel Depth Valve Press Setting

9757'	1360#
8875'	1375#
7492'	1390#
5515'	1405#
2880'	1420#

RD slick line and SI, WO compressor. (Reports
discontinued until further activity.)

MAY 23 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. (RRD 5/23/74). Gas lifting.
On 24-hr test gas lifted 50 BO, 178 BW and 235 MCF gas
through 64/64" chk w/100 psi TP, inj 231 MCF gas (first
production via gas lift).

AUG - 2 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On various tests,
gas lifted as follows:

Rpt Date	Hrs	BO	BW	MCF Gas	Chk	TP	Inj Gas-MCF
8/3	24	31	115	103	48/64	120	Not reported
8/4	3	15	14	171	48/64	20	Not reported
8/5	24	32	11	112	48/64	0	Not reported

AUG - 5 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test,
gas lifted no oil, 4 BW and 100 MCF gas on 48/64" chk
w/50 psi TP, inj gas not reported. AUG - 6 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 22-hr test,
gas lifted 5 BO, 77 BW and 109 MCF gas on 40/64" chk
w/120 psi TP, inj 302 MCF gas. AUG - 7 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test,
gas lifted 0 BO, 83 BW and 105 MCF gas on 35/64" chk
w/140 psi TP, inj 449 MCF gas. AUG - 8 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr
test, gas lifted 10 BO, 132 BW and 115 MCF gas on
35/64" chk w/150 psi TP, inj 463 MCF gas. AUG - 9 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. SI.
On various tests, gas lifted as follows:

Rpt Date	Hrs	BO	BW	MCF Gas	Chk	Inj Gas-MCF	
8/10	20	39	77	60	50/64	256	
8/11	24	44	53	39	31/64	144	AUG 12 1974
8/12							SI, no production.

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test,
gas lifted 52 BO, 53 BW and 63 MCF gas on 13/64" chk
w/50 psi TP, inj 108 MCF gas. AUG 13 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test,
gas lifted 108 BO, 75 BW and 132 MCF gas on 30/64"
chk w/40 psi TP, inj 226 MCF gas. AUG 14 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test,
gas lifted 82 BO, 53 BW and 22 MCF gas through 33/64"
chk w/45 psi TP, inj 22 MCF gas. AUG 15 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 26-hr test,
gas lifted 87 BO, 23 BW and 27 MCF gas through
32/64" chk w/140 psi TP, inj 54 MCF gas. AUG 16 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test,
gas lifted as follows:

Rpt Date	BO	BW	MCF Gas	Chk	TP	Inj Gas-MCF	CP
8/17	93	107	130	63/64"	20	Not reported	N.R.
8/18	103	72	394	64/64"	30	Not reported	N.R.
8/19	54	34	345	64/64"	40	184	1200

AUG 19 1974

Shell-Ute 1-18B5 (Reperf, stim and install gas lift)	TD 17,273. PB 13,800. Gas lifting. On 24-hr test, gas lifted 34 BO, 13 BW and 315 MCF gas on 64/64" chk w/40 psi TP, 1200 psi CP, inj 184 MCF gas. AUG 20 1974
Shell-Ute 1-18B5 (Reperf, stim and install gas lift)	TD 17,273. PB 13,800. Gas lifting. On 24-hr test, gas lifted 25 BO, 10 BW and 341 MCF gas through 64/64" chk w/20 psi TP, 1200 psi CP, inj 173 MCF gas. AUG 21 1974
Shell-Ute 1-18B5 (Reperf, stim and install gas lift)	TD 17,273. PB 13,800. Gas lifting. On 24-hr test, gas lifted 15 BO, 7 BW and 346 MCF gas through 64/64" chk w/40 psi TP, 1100 psi CP, inj 165 MCF gas. AUG 22 1974
Shell-Ute 1-18B5 (Reperf, stim and install gas lift)	TD 17,273. PB 13,800. Gas lifting. On 24-hr test, gas lifted 36 BO, 7 BW and 635 MCF gas through 64/64" chk w/20 psi FTP, 1200 psi CP, inj 165 MCF gas. AUG 23 1974
Shell-Ute 1-18B5 (Reperf, stim and install gas lift)	TD 17,273. PB 13,800. 8/24: Gas lifting. On 18-hr test, gas lifted 8 BO, 1 BW and 149 MCF gas on 15/64" chk w/zero TP and 1200 psi CP, inj 36 MCF gas. 8/25: Gas lifting. On 5-hr test, gas lifted 23 BO, no wtr and 157 MCF gas on 64/64" chk w/zero TP and 1200 psi CP, inj 45 MCF gas. 8/26: Gas lifting. On 9-hr test, gas lifted 3 BO, 5 BW and 144 MCF gas on 64/64" chk w/zero TP. (CP and inj gas not reported.) AUG 26 1974
Shell-Ute 1-18B5 (Reperf, stim and install gas lift)	TD 17,273. PB 13,800. Gas lifting. On 24-hr test, gas lifted 4 BO, 6 BW and 239 MCF gas through 64/64" chk w/zero TP, 1250 psi CP, inj 147 MCF gas. AUG 27 1974
Shell-Ute 1-18B5 (Reperf, stim and install gas lift)	TD 17,273. PB 13,800. Gas lifting. On 20-hr test, gas lifted 6 BO, 10 BW and 319 MCF gas through 64/64" chk w/zero TP, inj 258 MCF gas (CP not reported). AUG 28 1974
Shell-Ute 1-18B5 (Reperf, stim and install gas lift)	TD 17,273. PB 13,800. Gas lifting. On 5-hr test, gas lifted no oil, no wtr and 30 MCF gas through 64/64" chk w/60 psi TP, inj 259 MCF gas, CP not reported. AUG 29 1974
Shell-Ute 1-18B5 (Reperf, stim and install gas lift)	TD 17,273. PB 13,800. Gas lifting. On 3-hr test, gas lifted no oil, no wtr and 69 MCF gas through 62/64" chk w/55 psi TP, 1500 psi CP, inj no gas. AUG 30 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting.

8/31-9/2: SI, no production.

9/3: On 24-hr test, gas lifted 92 BO, 87 BW and 208
MCF gas through 64/64" chk w/20 psi TP, 1250 psi CP,
inj 200 MCF gas.

SEP - 3 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test,
gas lifted no oil, 1 BW and 194 MCF gas through 64/64"
chk w/40 psi TP, 1200 psi CP, inj 188 MCF gas.

SEP - 4 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test,
gas lifted 6 BO, 4 BW and 239 MCF gas through 64/64"
chk w/40 psi TP, 1100 psi CP, inj 171 MCF gas.

SEP - 5 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Filling annulus. Bled well
down to change WH valve. No production past 24 hrs.
Present inj vol 211 MCF gas, CP 1100 psi.

SEP - 6 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting.

Rpt Date	Hrs	BO	BW	MCF Gas	Chk	TP	CP	Inj-MCF
9/7	24	0	20	46	64/64	80	900	204
9/8	24	0	6	112	-	200	1200	216
9/9	24	0	0	41	34/64	50	1200	56

SEP - 9 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test,
gas lifted 25 BO, 18 BW and 126 MCF gas through 34/64"
chk w/50 psi TP, 1250 psi CP, inj 120 MCF gas.

SEP 10 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. SI.

SEP 11 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. SI.
(Report discontinued until test established.)

SEP 12 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. (RRD 9/12/74).

9/15: Gas lifting. MI&RU coiled tbg unit, nitrogen pump truck and B-J pump truck. Ran coiled tbg to 12,250. Circ at 1/2 B/M rate w/prod wtr while running coiled tbg. With coiled tbg to 12,250, pmpd 10 bbls cln prod wtr containing 0.2 gal Tretolite-WF17 and 270 cu ft N2/bbl of wtr at 1 B/M rate w/4000 psi pump press. While pmpg same mixture as above, ran coiled tbg to 12,412 - could not go deeper. Circ 20 bbls foamed wtr mixture at 12,412 - could not go deeper.. Sptd 42 gal 15% mud acid followed by 42 gal foamed mud acid to 12,412 and flushed w/foamed wtr. Washed through bridge at 12,412 and ran to 14,423 - unable to go deeper. Circ 20 bbls foamed wtr - unable to go deeper. Sptd 100 gal 15% mud acid to 12,423 and flushed w/foamed wtr - unable to go deeper. Pmpd 500 gal 15% mud acid at 1/8 B/M rate. Waited 30 min and pmpd 1 bbl flush at 1/8 B/M rate. Waited 30 min - still unable to go below 12,423. Kept 10 pts set-down wt on coiled tbg during spotting and waiting. SI chk and pmpd remaining 1416 gal acid through bridge at 3/4 B/M rate w/4000 psi pump press. Flushed w/foamed wtr. Press from 1" x 2-7/8" annulus incr from 280 psi to 1100 psi in 10 min and then decr to 600 psi and remained at 600 psi while pumping. With all acid and 6 bbls flushed into coiled tbg, tbg went through bridge. Total bridge length 12,423-12,440. When coiled tbg through bridge, slowed pump rate to 1/8 B/M and opened chk to pit. TP bled from 600 to zero in 4 min. Pmpd last bbl of flush at 1/8 B/M w/coiled tbg to 13,700. SI well 1 hr. SITP after 1 hr 150 psi. Opened well to pit - TP to zero in 1 min. Circ foamed wtr at 1/4 B/M for 30 min w/coiled tbg at 13,700. Pulled coiled tbg. Circ w/foamed wtr at 1/4 B/M while pulling tbg. Flwd est 50 BW to pit while pulling tbg. Started gas lift, lifting to pit 30 min, gas lifting est 50 BW to pit. Well started making oil after 30 min of gas lifting. Switched well to battery.

9/16: Gas lifting. On 14-hr test, gas lifted 187 BO, 419 BW and 301 MCF gas through 47/64" chk w/250 psi TP, 1300 psi CP, inj 169 MCF gas.

SEP 16 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test, gas lifted 571 BO, 722 BW and 830 MCF gas through 50/64" chk w/100 psi TP, 1300 psi CP, inj 270 MCF gas.

SEP 17 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test, gas lifted 481 BO, 619 BW and 664 MCF gas through 50/64" chk w/150 psi TP, 1300 psi CP, inj 231 MCF gas.

SEP 18 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test,
gas lifted 371 BO, 529 BW and 583 MCF gas through
50/64" chk w/150 psi TP, inj 286 MCF gas (CP not
reported). SEP 19 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test,
gas lifted 340 BO, 411 BW and 639 MCF gas through
50/64" chk w/100 psi TP, 1300 psi CP, inj 302 MCF gas.

SEP 20 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On various tests,
gas lifted as follows:

Rpt Date	Hrs	BO	BW	MCF Gas	Chk	TP	CP	Inj Gas-MCF
9/21	14	346	289	378	50/64	150	1200	154
9/22	24	299	421	574	50/64	150	1200	286
9/23	24	330	363	606	64/64	180	1300	260

SEP 23 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test, gas
lifted 338 BO, 369 BW and 542 MCF gas through 64/64" chk
w/120 psi TP and 1300 psi CP, inj 260 MCF gas. SEP 24 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test,
gas lifted 277 BO, 278 BW and 479 MCF gas through
64/64" chk w/140 psi TP and 1300 psi CP, inj 187 MCF
gas.

SEP 25 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test,
gas lifted 258 BO, 344 BW and 499 MCF gas through
64/64" chk w/150 psi TP and 1300 psi CP, inj gas not
reported.

SEP 26 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test,
gas lifted 268 BO, 369 BW and 499 MCF gas through
64/64" chk w/100 psi TP and 1300 psi CP, inj 242 MCF
gas.

SEP 27 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr tests,
gas lifted as follows:

Rpt Date	BO	BW	MCF Gas	Chk	TP	CP	Inj Gas-MCF
9/28	237	360	479	64/64"	100	1200	254
9/29	236	341	479	64/64"	100	1300	393
9/30	392	396	510	64/64"	100	1300	254

SEP 30 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test,
gas lifted 176 BO, 128 BW and 451 MCF gas through
64/64" chk w/150 psi TP and 1300 psi CP, inj 235 MCF
gas.

GCT - 1 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. On 24-hr test,
gas lifted 237 BO, 287 BW and 558 MCF gas through
64/64" chk w/100 psi TP and 1300 psi CP, inj 254 MCF
gas.

GCT - 2 1974

Shell-Ute 1-18B5
(Reperf, stim and
install gas lift)

TD 17,273. PB 13,800. Gas lifting. REPERFORATION,
STIMULATION AND INSTALLATION OF GAS LIFT COMPLETE. On
test 3/25/74, prior to work, flwd 56 BO, no wtr and 9
MCF gas through 25/64" chk w/50 psi FTP from Wasatch
perfs 12,601-13,659. On 24-hr test, 9/21/74, gas lifted
299 BO, 421 BW and 395 MCF gas through 50/64" chk w/150
psi TP, inj 286 MCF gas at 1300 psi CP from Wasatch perfs
9923-10,465 and 12,601-13,659.
FINAL REPORT.

GCT - 3 1974

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Ute Tribe 14-20-H62-2505	
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe	
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2285' FNL & 2055' FEL Section 18		8. FARM OR LEASE NAME Ute	
14. PERMIT NO.		9. WELL NO. 1-18B5	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6104 KB		10. FIELD AND POOL, OR WILDCAT No. Uinta Basin	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4 NE/4 Section 18-T2S-R5W	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input checked="" type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: _____

BY: _____ See attachment

18. I hereby certify that the foregoing is true and correct

SIGNED

J. W. Zimmell

TITLE

Div. Ops. Engr.

DATE

12/16/76

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: O&GCC w/attachment

*See Instructions on Reverse Side

SPT ACID, PERF & ACID TREAT

NORTH UINTA AREA

SHELL OIL COMPANY

LEASE UTE
DIVISION WESTERN
COUNTY DUCHESNEWELL NO. 1-18B5
ELEV 6104 KB
STATE UTAH

FROM: 3/17 - 12/14/76

UTAHNORTH UINTA AREA

Shell-Ute 1-18B5

(Spt acid, perf & AT)

"FR" TD 17,273. PB 13,800. AFE provides funds to spt acid, perf & AT betw pkrs 13,170/13,500. MI&RU Western #19. Blew down backside. Pmp'd in 800 bbls lse wtr. SI overnight. MAR 17 1976

Shell-Ute 1-18B5

(Spt acid, perf & AT)

TD 17,273. PB 13,800. Blew well down, removed tree & installed and tested 10" 5000# BOP. Pulled 90,000# to release 9-5/8 pkr when cmt gave way under rig base; had to RD. Installed 12 x 12 timbers rig. Pulled FH Bkr pkr loose @ 120,000#. Well try'g to flow after pulling pkr loose (tbg & csg). Tried to circ hole clean 2 hrs. SI overnight.

MAR 18 1976

Shell-Ute 1-18B5

(Spt acid, perf & AT)

TD 17,273. PB 13,800. Well try'g to flow. Pmp'd in 130 bbls 9.6 salt wtr on backside. Approx 8 bbls down tbg, well died. POOH. LD 9-5/8" pkr, 6 Camco mandrels & seal assembly. PU 7-5/8" Bkr pkr picker & junk catcher & RIH to approx 4000' (64 stds). SI overnight.

MAR 19 1976

Shell-Ute 1-18B5

(Spt acid, perf & AT)

TD 17,273. PB 13,800. RU power swivel & milled on pkr @ 12,400. Had power swivel problems; RD swivel & worked pkr about 20' when base went out on rig again. RD&MO; down 3/22.

MAR 22 1976

Shell-Ute 1-18B5

(Spt acid, perf & AT)

TD 17,273. PB 13,800. SI.

MAR 23 1976

Shell-Ute 1-18B5

(Spt acid, perf & AT)

TD 17,273. PB 13,800. MI&RU Western #19. Could not work pkr free; not able to rotate w/power swivel. MI&RU McC WL & RIH. Freepoint showed to be free @ pkr picker. POOH. RIH w/chem cutter to 1950; couldn't go deeper due to wax. Cleared tbg w/65 bbls hot lse wtr. RIH to 12,354 w/cutter, ok. Made cut, POOH & RD McC. LD one single of 2-7/8 tbg (tbg free). SI overnight.

MAR 24 1976

Shell-Ute 1-18B5

(Spt acid, perf & AT)

TD 17,273. PB 13,800. RIH w/fishing tools - basket grapple, bumper sub, hyd jars & 6 3-1/2 DC's. Worked fish loose. Had to work w/jars to top of liner 10,342; everything still seems to be on string. SI overnight.

MAR 25 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. POOH & LD fishing tools. Rec'd fish (7-5/8 Bkr pkr & pkr picker from 12,400). RIH w/6-3/4 Servco mill (turned down to 6.68) w/Bkr scraper to 11,750. SI overnight.

MAR 26 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. 3/26 RIH to 13,550 & tried to reverse circ w/rig pmp @ 2 B/M; couldn't. MI&RU BJ. Closed tbg & pmp'd down back side @ 7 B/M @ 1000 psi (30 bbls). Opened tbg & cont'd pmp'g @ 7 B/M for total of 386 bbls lse wtr foll'd by 100 bbls 9.6# brine. Had approx 2 B/M returns thruout pmp'g. Pmp'd 15 bbls brine down tbg & POOH. LD mill & scraper. RIH w/Bkr ret pkr to 6000'. SI overnight. Set pkr @ 9850 & tried to press test; wouldn't hold - indicated leak. Started pull'g tbg & tested every 5 stds. After pull'g to 8371, was able to test to 4000 psi. Started testing & run'g back. After reaching 9850 press tested to 3600 psi for 30 mins, ok. POOH. LD pkr; one rubber missing. Will chng out BOP & install tbg spool hanger before run'g tbg. SI over Sunday.

MAR 29 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. Set Model C ret BP @ 13,491 & Model E ret pkr 20' above. Press tested to 7500 psi for 30 mins, ok. Bled off to 7200 psi. Released pkr & mixed 2 sx sd & displaced w/73 bbls lse wtr. Reset pkr @ 13,168. Landed on 5-1/2" heat string donut. 7-1/16 tbg spool had only 6-3/8" bore; tools were 6.46 OD. Installed tbg hanger & 10,000# tree. Bullheaded 15 bbls gelled, inh'd, wt'd 10% acetic acid foll'd by 37 bbls prod wtr & 24 bbls diesel @ 3800 psi & 3-1/2 B/M rate. SI overnight.

MAR 30 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. No report.

MAR 31 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. MI&RU Dowell. Pmp'd 30 bbls @ 10 B/M @ 700 psi for inj rate. Mixed Protectozone chemicals w/230 bbls frh wtr heated to 90 deg & pmp'd down backside @ 7.5 B/M. Displaced w/110 deg lse wtr @ 9 B/M @ 800 psi for 548 bbls. SD 40 mins. Resumed pmp'g @ 4 B/M @ 1100 psi; total 89 bbls. SD 3 hrs. Pmp'd in 2 B/M @ 1100 psi total of 5 bbls. Total of 642 bbls displacing polymer, leaving 5 bbls polymer above top perms @ 9923. RD Dowell. SI overnight. Prep to acidize.

APR 01 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. MI&RU BJ for AT. Checked backside for inj rate; pmp'd in 35 bbls @ 4 B/M @ 1000 psi. Press tested lines to 10,000 psi, repaired leaks & retest ok. Pmp'd acid w/foll'g additives: G10, C15, J22 & OS160 WR Unibeads per prog. All acid 7-1/2% gelled HCl. Est pmp rate @ 9 B/M for 90 bbls; rate then went up to 15 B/M @ 8000 psi. Had ball action after pmp'g 400 bbls acid; ball action cont'd thruout job. Dropped one 7/8" RCN ball sealer (sp gr 1.2) every 5 bbls used for total of 245 balls. After pmp'g 1170 bbls acid, ran out of wtr for backside. Pmp'd 580 bbls down back side & cont'd pmp'g acid, but lowered max press to 7500 psi (had good ball action). After total of 1222 bbls acid, had sharp incr in CP. Had to quit pmp'g acid when CP reached 3850 psi. Opened line to pit & flwd back approx 20 bbls. After press dropped, pmp'd in 90 bbls lse wtr down tbg; TP 3200 & backside 1800. Pmp'd 168 bbls down backside to clear csg of acid. MI&RU Sun & RIH w/std'g valve & press'd tbg to 3000 psi; no leaks. POOH w/std'g valve. RD Sun. SI overnight.

APR 0 2 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. MI&RU Newsco CT. SITP & CP 150 psi. Opened to pit on open chk & RIH w/CT (350 SCF N2). Had continuous flow of wtr. RIH to 8000' & jetted for 1/4 hr. POOH waited 1 hr; well didn't flow. RD Newsco. Left well open to pit 3 hrs; didn't flow. SI overnight w/o press on tbg & 150 on csg. 4/3 TP 0; csg 150 psi. SI well.

APR 0 5 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. No report.

APR 0 6 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. 4/5 TP 50# & CP 150#. Opened tbg chk; died after flw'g about 1 gal. WO swab unit.

APR 0 7 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. SITP 75 psi; CP 150 psi. Opened chk on tbg; well blew down - no fluid. SI overnight.

APR 0 8 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. SI.

APR 0 9 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. 4/9 Prep to swab. Wellhead SI w/200 TP & 150 CP. 4/10 FL @ 400'. Made 42 runs w/swab unit & unloaded 400 BW. Wellhead SI; well would not flow.

APR 1 2 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. SITP 550 psi; CP 150 psi. Opened well; flwd for 30 mins & died. Well prod'g wtr only w/sml skim of oil. FL @ 800'. Made swab run from 0-3000'. Made total of 41 swab runs 4/12 & unloaded 400 BW. Well not flw'g. SI well.

APR 1 3 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. SITP 550 psi & 150 psi CP. Opened well & flwd for 1.5 hrs & died. Well prod about 98% wtr & 2% oil. FL @ 1400'. Made swab runs from 0-3600'. Made 36 runs & unloaded 360 BW. Last 8 swab runs, well tried to flw & has about 25% gas cut. Opened well & flwd for 5 mins & died. FL @ 800'. SI well.

APR 14 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. SITP 550#, CP 150#. Opened well & flwd about 2 hrs 15 mins & died. Well prod about 98% wtr & 2% oil. FL @ 400'. Made 6 swab runs & SD unit to chng tree. Made another swab run. Well making gas & try'g to flow. Swab runs made from 0-2800'. SI well.

APR 15 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. 4/15: Well S.I. 650 tbg & 150 csg press. Opened well & flowed for 2 hrs & 30 min. Well died. Well produced about 30 bbls total fluid (27 wtr 3 oil). Well S.I. Installed 5000# tree. 4/16: Well S.I. 750 tbg and 150 csg press. Opened well & flowed for 1 hr & 30 min. Well died. Well produced about 3 bbls oil, gas & no water. Well S.I.

APR 19 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. SITP 850# & CP 150#. Opened well & flwd 1 hr & 30 mins & died. Well prod about 3 BO, gas & no wtr. SI wellhead; no press. 4/18 SITP 1000# & CP 150#. Well flwd 1 hr & 30 mins & died. Well prod about 5 BO, gas & no wtr. SI wellhead; no press. 4/19 SITP 4000# & CP 150#. Well flwd 30 mins & died. Well prod about 2 BO, gas & no wtr. SI wellhead; no press.

APR 20 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. Ran Newsco CTU to 9000'. Jet'd N2 @ rate of 800 SCF/M until tbg started blowing dry. Ran to 12,000 & jet'd N2 @ 800 SCF/M until tbg started blowing dry. Cut rate to 500 SCF/M & fin'd jet'g N2. POOH & RD Newsco; well not flw'g. Left wellhead SI overnight. Well prod about 10 BW, no oil & no gas.

APR 21 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. SI.

APR 22 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. Prep to run BHPS.

APR 23 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. SI.

APR 26 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. SI.

APR 27 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. SI.

APR 28 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. SI.

APR 29 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. SI.

APR 30 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. SI.

MAY 03 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. SI.

MAY 04 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. SI.

MAY 05 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. SI.

MAY 06 1976

Shell-Ute 1-18B5
(Spt acid, perf & AT)

TD 17,273. PB 13,800. (Report discontinued until further activity)

MAY 07 1976

Shell-Ute 1-18B5
(Spt acid, perf, AT & gas lift)

TD 17,273. PB 13,800. (RRD 5/7/76) AFE #419947 provides funds to pull ret equip & install gas lift equip. 7/16 MI&RU Western #17. Installed & tested BOP's. Flwd csg off 4 hrs to kill backside. Could not release 7-5/8 ret pkr @ 13,154. SD overnight. 7/17 Pmp'd 400 bbls prod wtr down backside & killed annulus. Filled tbg w/wtr & pmp'd down backside @ max of 400 psi. Could not release pkr w/max of 140,000# pull. MI&RU OWP to shoot circ'g holes in tbg. RIH & gun misfired. RIH & shot 4 jets 6" apart @ 13,150 above +45 seat'g nip. Pmp'd prod wtr down tbg & backside was kicking. Pulled pkr 6' in 1.5 hrs. SD for weekend.

JUL 19 1976

Shell-Ute 1-18B5
(Spt acid, perf, AT & gas lift)

TD 17,273. PB 13,800. Circ'd 1/2 hr down tbg; annulus flw'd approx 250 BW. Could not release pkr w/135,000# pull. Pmp'd std'g valve down tbg & seated in +45 seat'g nip. Pmp'd wtr down tbg & out the circ'g holes in tbg @ max press of 4000-2000 psi. Circ'd 1-1/2 hrs; backside still flw'g @ 250 BW/H. Worked pkr & came free. Ran down hole to retrieve Model C BP @ 13,477. Could not get below 13,430 indicating 45'± of fill on top of BP. Attempted to fish std'g valve twice & could not shear tool. Pulled tool & was packed w/mud. POOH w/tbg & pkr; got out of hole & pkr miss'g. Tbg was prt'd @ top perforation. Approx 2' of tbg, a collar, +45 seat'g nip, a collar & the pkr left in hole. SD overnight. Backside flw'g continuously approx 250 BW/H.

JUL 20 1976

Shell-Ute 1-18B5
(Spt acid, perf, AT &
gas lift)

TD 17,273. PB 13,800. Well flw'g. Pmp'd 100 bbls 10# salt
wtr; well still flw'g. Pmp'd add'd 50 bbls & well died. RIH
to retrieve fish w/a 5.75" overshot (OD) on 2-7/8 tbg. Hit
obstruction @ approx 12,785'. Got max pull of 130,000# &
then would free up. Well started flw'g 4 hrs after salt wtr
pmp'd into it. POOH w/overshot & overshot marked as if hit'g
steel. Possible collapsed csg @ 12,785'±. Sample of wtr
weighed 8.25#/gal. SI overnight.

JUL 21 1976

Shell-Ute 1-18B5
(Spt acid, perf, AT &
gas lift)

TD 17,273. PB 13,800. RIH w/7-5/8 & 9-5/8 hydrostatic
pkrs on 2-7/8 tbg to 3500'. SI for night.

JUL 22 1976

Shell-Ute 1-18B5
(Spt acid, perf, AT &
gas lift)

TD 17,273. PB 13,800. Set pkrs at 10,550 and 9660.
Tested tbg to 3000 psi, annulus to 3000 psi.

JUL 23 1976

Shell-Ute 1-18B5
(Spt acid, perf, AT &
gas lift)

TD 17,273. PB 13,800. SI

JUL 26 1976

Shell-Ute 1-18B5
(Spt acid, perf, AT &
gas lift)

TD 17,273. PB 13,800. On 24 hr test 0 BO, 300 BW,
310 MCF Gas with 100 FTP.

JUL 27 1976

Shell-Ute 1-18B5
(Spot acid, perf, AT &
gas lift)

TD 17,273. PB 13,800. On 24 hr test 0 BO, 1260 BW, 299
MCF Gas with 50 FTP.

JUL 28 1976

Shell-Ute 1-18B5
(Spot acid, perf, AT &
gas lift)

TD 17,273. PB 13,800. On 24 hr test 0 BO, 1334 BW,
331 MCF Gas with 50 FTP.

JUL 29 1976

Shell-Ute 1-18B5
(Spot acid, perf, AT &
gas lift)

TD 17,273. PB 13,800. On 24 hr test 0 BO, 937 BW,
323 MCF Gas w/100 FTP. (Report discontinued until
further activity.)

JUL 30 1976

Shell-Ute 1-18B5
(Spt acid, perf, AT &
gas lift)

TD 17,273. PB 13,800. (RRD 7/30/76) Run'g prod log 8/19.
8/20 Fin'd prod log. Well prod'g 100% wtr. Most of wtr
prod seems to be coming from below 12,000'.

AUG 23 1976

Shell-Ute 1-18B5
(Spt acid, perf, AT &
gas lift)

TD 17,273. PB 13,800. SI.

AUG 24 1976

Shell-Ute 1-18B5
(Spt acid, perf, AT &
gas lift)

TD 17,273. PB 13,800. SI.

AUG 25 1976

Shell-Ute 1-18B5
(Spt acid, perf, AT &
gas lift)

TD 17,273. PB 13,800. SI.

AUG 26 1976

Shell-Ute 1-18B5
(Spt acid, perf, AT &
gas lift)

TD 17,273. PB 13,800. SI.

AUG 27 1976

Shell-Ute 1-18B5
(Spt acid, perf, AT &
gas lift)

TD 17,273. PB 13,800. SI.

AUG 30 1976

Shell-Ute 1-18B5
(Spt acid, perf, AT &
gas lift)

TD 17,273. PB 13,800. (Report discontinued until further
activity)

AUG 31 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. (RRD 8/31/76) AFE #421227 provides
funds to plug back, perf & stim. MI&RU Western #19.
Removed tree & installed & tested 10" BOP's. Released
hyd pkrs after fill'g annulus w/wtr. Pmp'd down tbg,
then removed BPV. SI overnight. 10/27 Well flw'g wtr out
of tbg & csg. Circ'd well w/200 bbls prod wtr; sli flw
on tbg, but csg flw'g 100 BW/H. Pmp'd 70 bbls 10#/gal
SW down csg & 10 bbls SW down tbg; tbg dead, but csg flw'g
back wtr. SI overnight. 10/28 Pmp'd 100 bbls 10# SW down
csg & 20 bbls down tbg; well dead. MI&RU OWP. RIH w/Bkr
7-5/8 cmt ret on WL; could not go below 10,400. Worked
ret down to 10,450 & stuck. Worked free & POOH. RIH
w/7-5/8 csg scraper; well started flw'g. RIH to 12,550 &
reverse circ'd to clean up. SI overnight.

OCT 29 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. 10/29 Pulled 7-5/8 csg scraper.
MI&RU OWP. RIH w/Bkr 7-5/8 cmt ret on WL & set top of
ret @ 12,480. RD&MO OWP. Stung into ret & est inj rate
down csg @ 5 B/M. Pmp'd 150 bbls prod wtr w/o any press.
10/30 MI&RU Hal. Est inj rate of 3 B/M w/10 bbls frh
wtr. Pmp'd 200 sx Class G cmt retarded for 3-1/2 hrs;
44 bbls slurry. Flushed w/30 bbls frh wtr & 42 bbls
prod wtr. Sqz'd off everything below ret - perfs
12,503-13,659. Press started @ 750 psi @ 3 B/M &
gradually incr'd after cmt to top perf to 2500 psi @
3 B/M. Unlatched from ret & pulled up 30'. Reverse
circ'd w/200 bbls prod wtr; had about 50% returns.
Reversed out about 1/4 bbl cmt. RD&MO Hal. Put 10#
salt wtr pill in tbg & csg. POOH.

NOV 01 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. MI&RU OWP. 1st run perf'd
12,441-12,204 as per prog. 2nd run perf'd 12,193-11,970
as per prog. 3rd run perf'd 11,965-11,498 as per prog.
No press chng on sfc on all 3 runs; total of 96 holes.
Set 7-5/8 Model D pkr w/flapper @ 10,550. RD&MO OWP.
PU seal assembly & ran in 2-7/8 tbg. Bullheaded 60 bbls
acetic acid. Displ'd tbg w/61 bbls clean prod wtr.
SI overnight.

NOV 02 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. Spaced out tbg & landed on donut w/5000 psi tension. Installed 10,000# tree. Drop'd SV & pmp'd down to +45 nip. Press'd tbg to 7400 psi & split tbg; communicated w/csg annulus. Removed tree & installed BOP's. Started POOH w/SV in place to help find leak. Pulled 6900' tbg to split jt. Tested remaining to 7500 psi, ok. SI well.

NOV 03 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. Ran 6500' tbg & press tested to 7500 psi, ok. MI&RU Hal. Tested tree & lines to 10,000#, ok. Pmp'd 6 B/M down csg w/o press; cont'd pmp'g thruout trtmt. Pmp'd 545 bbls 7.5% HCl @ perfs from 12,441-11,498 (96 holes). Max press 6700 psi @ 11 B/M, avg 6000 psi @ 8 B/M. ISIP 4000 psi; 5, 10 & 15 mins 3900 psi. RD&MO Hal. OWP ran RA log; indicated fair trtmt. RD&MO OWP. SI for night.

NOV 04 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. 14-hr SITP 1400. Opened well to pit & FTP down to 450 psi in 15 mins & 250 in 3.5 hrs. Flw'g est 15-20 B/H acid wtr. SI well 15 mins to CO Unibeads. SITP 600 psi. Opened to pit. Prep to run mandrels & gas lift equip.

NOV 05 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. 11/5: Tbg plugged w/unibeads. Pmp'd 40 bbls hot H2O down tbg @ 3400#. Pmp'd 200 bbl hot H2O down casing. Plugged off. Backed well down w/62 bbls diesel. 11/6: Well had 1700# SITP. Would not flow back diesel. Pmp'd 60 bbls H2O down tbg. SI 2 hrs. Well had 2400#. Bled off to 50# in 20 min. Unable to kill well. SI for night. 11/7: Well had 700#. Opened to pit. Press bled off to 0# in 2 min, 9:00 AM approx 7-1/2 bbl/hr H2O, 10:00 AM 6 bbl/Hr H2O, 1:00 PM 4 bbl H2O, 2:00 PM 4 bbl/Hr diesel, 4:00 PM occasional gas & oil, 7:00 PM Heading. SI from 7:00-11:00. Well had 500#.

NOV 08 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. SIP 500 psi; bled to pit. Circ'd hot wtr down csg; well flwd oil & gas. Was unable to pmp down tbg. Flwd well to bty.

NOV 09 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. Installed 5000# tree. Hooked up flowline & prep to open well to bty. Turned well over to prod.
(Report discontinued until further activity)

NOV 10 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. (RRD 11/10/76) RU Newsco & RIH w/CTU & jet'd well w/N2. Unloaded 140 BW & no oil. POOH & RD Newsco.

DEC 01 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. SI.

DEC 02 1976
DEC 02 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. SI.

DEC 03 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. SI.

DEC 06 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. SI.

DEC 07 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. SI.

DEC 08 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. SI.
(Report discontinued until further activity)

DEC 09 1976

Shell-Ute 1-18B5
(Plug Back, Perf & Stim)

TD 17,273. PB 13,800. (RRD 12/9/76) This well prod 100%
wtr before trtmt & still prod 100% wtr. Presently, we
are awaiting outcome of 1-9B5 workover in Green River to
determine next step on 1-18B5.
FINAL REPORT

DEC 14 1976



LITE RESEARCH LABORATORIES

P.O. Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-2048
SAMPLE TAKEN 4-3-75
SAMPLE RECEIVED 4-4-75
RESULTS REPORTED 4-8-75

Sec 8-28-52

SAMPLE DESCRIPTION _____ FIELD NO. _____
COMPANY Shell Oil LEASE _____ FORMATION _____ WELL NO. 18B5
FIELD _____ COUNTY _____ STATE _____
SAMPLE TAKEN FROM _____
PRODUCING FORMATION Wasatch TOP _____
REMARKS _____

SAMPLE TAKEN BY _____

CHEMICAL AND PHYSICAL PROPERTIES

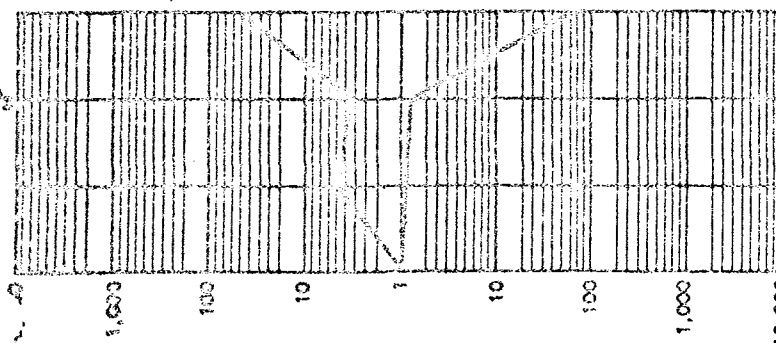
SPECIFIC GRAVITY @60/60° F. 1.0061 pH 8.25 RES. 1.00 OHM METERS @ 77°F

TOTAL HARDNESS 109.14 mg/L as CaCO₃ TOTAL ALKALINITY 268.0 mg/L as CaCO₃

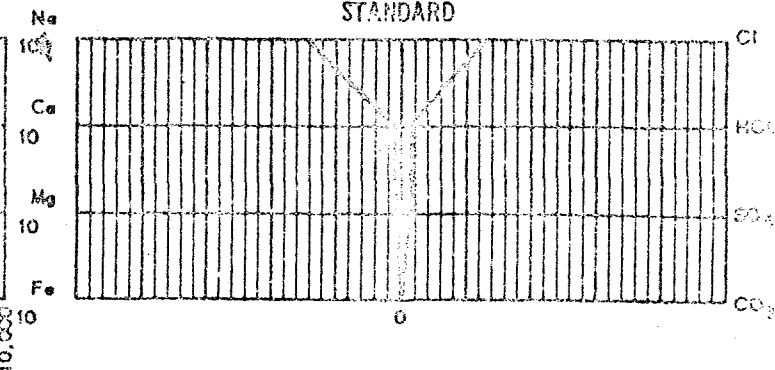
CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ++	30.23	1.51		
MAGNESIUM - Mg ++	8.09	0.66		
SODIUM - Na +	1623.0	70.56		
BARIUM (INCL. STRONTIUM) - Ba ++	2.4	0.03		
TOTAL IRON - Fe ++ AND Fe +++	0.20	0.007	72.77	
BICARBONATE - HCO ₃ -	268.0	4.39		
CARBONATE - CO ₃ -	0	0		
SULFATE - SO ₄ -	275.0	5.73		
CHLORIDE - CL -	2224.1	62.65	72.77	
TOTAL DISSOLVED SOLIDS	5760.0			

----- MILLEQUIVALENTS PER LITER -----

LOGARITHMIC



STANDARD



ANALYST _____

CHECKED _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
Ute Tribe 14-20-H62-2505
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute

9. WELL NO.

1-18B5

10. FIELD AND POOL, OR WILDCAT

No. Uinta Area

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SW/4 NE/4 Section 18-
T2S-R5W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
Shell Oil Company

3. ADDRESS OF OPERATOR
1700 Broadway, Denver, Colorado 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
2285' FNL & 2055' FEL Section 18

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6104 KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Set CIBP, Perf & AT <input checked="" type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) Set CIBP, Perf & AT <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attachment

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: July 15, 1977

BY: *P. J. Driscoll k/o*
(original signed by Mr. Driscoll)

18. I hereby certify that the foregoing is true and correct

SIGNED *P. J. Driscoll*
(This space for Federal or State office use)

TITLE Div. Oper. Engr.

DATE 7/8/77

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

cc: O&GCC w/attachment

SET CIBP, PERF & AT

SHELL OIL COMPANY

FROM: 6/6 - 7/8/77

LEASE

UTE

DIVISION

WESTERN

COUNTY

DUCHESNE

WELL NO.

NORTH UINTA AREA

1-18B5

ELEV

6104 KB

STATE

UTAH

UTAH

NORTH UINTA AREA

Shell-Ute 1-18B5

(Set CIBP, perf & AT)

"FR" TD 17,273. PB 12,472. AFE #424307 provides funds to set CIBP above Wasatch @ 9830, perf 9750-9760 (8 holes w/4-way sqz gun), conduct remedial cmt job resulting in TOC @ 8600, perf & AT 8788-9622 (51 holes) & run BHPS. 6/3 MI&RU WOW #19. TP 1700#; CP 1000#. Bled well thru trt'r & let well flw on 20/64 chk overnight. 6/4 Overnight combined SIP tbg/annulus 600 psi.

JUN 06 1977

Shell-Ute 1-18B5

(Set CIBP, perf & AT)

TD 17,273. PB 12,472. Pmp'd 200 bbls prod wtr down tbg. Installed BPV, removed tree & installed BOPE. Unstung from Mdl D pkr; well flw'g up tbg & annulus. SD for night.

JUN 07 1977

Shell-Ute 1-18B5

(Set CIBP, perf & AT)

TD 17,273. PB 12,472. Killed well w/500 bbls brine wtr. Pulled tbg. OWP ran CCL, gauge ring & junk basket to 675'; too much wax. RIH w/csg scraper & SI overnight.

JUN 08 1977

Shell-Ute 1-18B5

(Set CIBP, perf & AT)

TD 17,273. PB 12,472. SIP 200 psi; bled down well. With well flw'g out annulus, ran tbg w/csg scraper to 9881'. Db1 scraped btm 200'. Pulled tbg scraper to 2000'. Pmp'd 200 bbls 180 deg brine wtr down annulus to clean up csg & kill well. POOH. RU OWP. Ran 9-5/8 CIBP to 9830 & set (fluid @ 850'). Press tested CIBP to 2000 psi w/hole full of brine wtr. RIH w/4" csg carrier 4-way sqz gun & shot 4 holes @ 9750 & 4 holes @ 9752. POOH. Est inj rate of 5-1/2 B/M @ 1000 psi thru perfs. RIH w/9-5/8 cmt ret; would not go below 1000' (wax). POOH w/WL. SD for night.

JUN 09 1977

Shell-Ute 1-18B5

(Set CIBP, perf & AT)

TD 17,273. PB 12,472. Well dead. Circ'd hole w/400 bbls prod wtr (inj'd into perfs @ 6 B/M @ 400 psi). OWP RIH w/cmt ret on WL; could not go below 5457. POOH. RIH w/csg scraper to 6000'. Circ'd hole w/600 bbls 180 deg prod wtr. POOH. OWP RIH w/cmt ret on WL & set @ 9730. RD OWP. Started run'g tbg to sting into cmt ret. SI overnight.

JUN 10 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 12,472. 6/10 Ran tbg to 9730 & stung into cmt ret & pmp'd thru ret. RU Hal to cmt behind 9-5/8 csg. Pmp'd 30 bbls mud flush foll'd by 50 bbls frh wtr, then 850 sx Class "G" cmt w/.6% Halad 9, 1.2% HR5, 5 gals (15.8#/gal) wtr/sx & 1.15 cu ft/sx. Minimum rate 2 B/M, max 5, avg 5. Max press 1500 psi. Held 500 psi on csg-tbg annulus during placement of cmt. Avg press during cmt was 800 psi. Pmp'd 174 bbls cmt slurry, then 10 bbls frh wtr & 47 bbls prod wtr to clear tbg. Unstung from ret leaving 20' on top of ret & rev circ'd tbg w/prod wtr. RD Hal & pulled tbg. 6/11 RU OWP & RIH w/SCBL/GR/CCL tool. Hit paraffin @ 400' & worked down to 475'. POOH. SI well.

JUN 13 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 12,472. RIH w/100 stds 2-7/8 tbg & csg scraper. Circ'd hole w/600 bbls 185 deg prod wtr. POOH. OWP ran SCBL/GR/CCL; bond log indicates 78% bond 9700-9050, 60% bone 9050-8600 & top of cmt is above 8600. Log'd entire interval from 9700-8600. POOH. Set Mdl D pkr @ 8700' & POOH. Started run'g tbg to sting into Mdl D. SI overnight.

JUN 14 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 12,472. Prep to AT. Ran tbg to 8700' & press tested to 7000 psi. BJ pmp'd 85 BW containing 3 gals J22/1000 gals. Stung into Mdl D pkr. Removed BOPE & installed 10,000# tree. RD BJ. OWP perf'd 9606-8765 in 2 runs (51 holes). Had 400 psi on 1st 3 shots & 250 psi after that. POOH & RD OWP. SI overnight.

JUN 15 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 12,472. Hal AT 51 perfs (9606-8765) as follows: Pmp'd 50 bbls 7-1/2% HCl w/9 ball sealers (7/8" RCN w/1.1 sp gr) foll'd by 5 bbls acid containing 1#/gal Divert II. 7 stages of HCl w/ball sealers & 6 stages acid w/Divert II. Total of 580 bbls 7-1/2% HCl. Flushed w/125 bbls prod wtr. All acid contained 3 gals C15, 3 gals J22, 25# G26 & 1.5# 20-40 mesh RA sd/1000 gals acid. Flush wtr contained 25# G26 per 1000 gals. All fluid heated to 100 deg F. Held 2500 psi on annulus during entire job. Avg press 5500 psi, max 6100, ISIP 200, 5 mins 0 & 10 mins 0. Avg & max rate 10 B/M. RD Hal & RU OWP. Ran GR from 9700-8700; indicated good AT on btm 4 perfs, fair on other perfs. RD OWP. Flwd well to pit w/20 psi on WH. Flwd well 1 hr. Started pulling tbg. SI overnight.

JUN 16 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 12,472. Acid contained 3 gal C-15, 3 gal J-22, 25# G-26 & 1.5# 80-40 Mesh R/A sand per 1000 gal acid. Flushed wtr contained 25# G-26 per 1000 gal. Fluid heated to 100 deg F. Held 2500 psi on annulus during entire job. Avg - 5500 psi, Max - 6100 psi, ISIP - 200 psi, 5 min - 0 psi, 10 min - 0 psi. Ran Gamma-Ray 9700-8700', indicated good AT on btm four perfs, fair on other perfs. Flowed 20 BOPH. RIH w/5 gas mandrels & seal assembly and prod tube for Model "D" pkr. RIH to 8000', SI overnight.

JUN 17 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 9720. 6/17 Ran 2-7/8 tbg w/mandrels & stung into Mdl D pkr @ 8700 w/new seal assy & prod tbg. Removed BOPE & installed tree. Flanged up well & turned over to prod. RD WOW #19. New PBTD 9720 & cmt ret @ 9730.

JUN 20 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 9720. On 20-hr test 6/19, prod 61 BO, 1028 BW, 30 MCF gas w/50 psi.

JUN 21 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 9720. On 24-hr test, gas lifted 5 BO, 840 BW, 205 MCF gas w/1400 psi inj press.

JUN 22 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 9720. On 24-hr test, gas lifted 4 BO, 671 BW, 153 MCF gas w/1420 psi inj press.

JUN 23 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 9720. On 24-hr test, gas lifted 0 BO, 369 BW, 306 MCF gas w/1400 psi inj press.

JUN 24 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 9720. On 24-hr test, gas lifted 47 BO, 1281 BW, 460 MCF gas w/1400 psi inj press.

JUN 27 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 9720. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
6/24	24	0	835	490	1390
6/25	8	0	651	326	1350
6/26	24	40	1735	388	330

JUN 28 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 9720. On 24-hr test, gas lifted 64 BO, 1779 BW, 383 MCF gas w/1400 psi inj press.

JUN 29 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 9720. On 16-hr test, gas lifted 0 BO,
1160 BW, 350 MCF gas w/1400 psi inj press.

JUN 30 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 9724. MI&RU Geotex to run inflw
survey to determine fluid movements. Foll'g are the
results w/the well prod'g 1170 BW/D & no oil: 410
BW @ 8836, 240 BW @ 8906, 225 BW @ 8950 & 295 BW @
8978. Found PBTD @ 9724. POOH & RD&MO Geotex.
Returned well to prod.

JUL 01 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 9724. On 24-hr test, gas lifted 30 BO,
1533 BW, 388 MCF gas w/1380 psi inj press.

JUL 05 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 9724. On 24-hr test 7/1, gas lifted 0 BO,
1714 BW, 306 MCF gas w/1400 psi inj press. 7/2-3/77 SI.

JUL 06 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 9724. SI.

JUL 07 1977

Shell-Ute 1-18B5
(Set CIBP, perf & AT)

TD 17,273. PB 9724. Prod log was run on this well &
workover complete. This well is prod'g 100% wtr. Well
is SI & will be left SI.
FINAL REPORT

JUL 08 1977

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR <u>Shell Oil Company</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <u>P.O. Box 831 Houston, Tx 77001 ATTN: P.G. GELLING RM# 4461 CXX</u>		7. UNIT AGREEMENT NAME <u>ALTAMONT</u>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>2285' FNL + 2055' FEL SEC. 18</u>		8. FARM OR LEASE NAME <u>UNIT</u>
14. PERMIT NO.		9. WELL NO. <u>1-1835</u>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>6117' GL</u>		10. FIELD AND POOL, OR WILDCAT <u>ALTAMONT</u>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>T2S R5W</u>
		12. COUNTY OR PARISH <u>Duchesne</u>
		13. STATE <u>Utah</u>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☒CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 6-15-81

BY: D.A. Lambie

18. I hereby certify that the foregoing is true and correct

SIGNED D.A. Lambie D.A. LAMBIE

TITLE STAFF PROD. ENGINEER

DATE 5-28-81

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

PLUG AND ABANDONMENT WORKSHEET
UTE 1-18B5
SECTION 18, T2S, R5W
ALTAMONT FIELD, UTAH

Shell's share: 100%

Pertinent Data:

Elevation (KB): 6104'

Elevation (GL): 6080'

TD: 17,273'

PBTD: 9730'

Casing: 20", 94#, H-40 to 240'; 13-3/8", 48#, K-55 and S-80 to 4546'; 9-5/8", 47#, S-95 to 10,631'

Liner: 7-5/8", 33.7#, S-95, top at 10,342', bottom at 14,780'

Open hole: 14,780'-17,273'

Tubing: 2-7/8", EUE, 6.5#, N-80 to 8700'

Packer: Baker 9-5/8" Model "D" at 8700'

Perforations: Above PBTD: 8765'-9606' (51 holes)

Below PBTD: 9923'-12,441' (96 holes)

Artificial lift: none

Objective: Permanently plug and abandon

Procedure:

1. MIRU. Install and test BOPE as per field specs.
2. Pump 390 sacks of Class "H" cement across perforated interval 8765'-9606'.
3. Unlatch and pull out of 9 5/8" Model "D" packer at 8700'.
4. Spot 100-lineal feet plug (estimated 48 sx, 25 % excess of Class "H" cement) on top of 9 5/8" Model "D" at 8700'.
5. Spot 100 lineal feet plug (estimated 48 sx, 25% excess of Class "H" cement) from 2750'-2850' (fresh water - salt water interface).
6. RIH with 1" macaroni tubing and cement 9-5/8" - 13-3/8" annulus with a 50 lineal feet plug (estimated 22 sx, 25% excess of Class "H" cement). Base of plug must be at 4546' (13-3/8" shoe depth). Spot 100 lineal feet plug (estimated 45 sx, Class "H" cement, 25% excess) from 2750'-2850' (fresh water - salt water interface).
7. Cut 9-5/8", 13-3/8", and 20" casings at +5' below surface. Spot 10 sacks Class "H" cement in top of 9-5/8" casing, 10 sacks of Class "H" in 9-5/8" - 13-3/8" annulus.
8. Lay down tubing and move out rig.

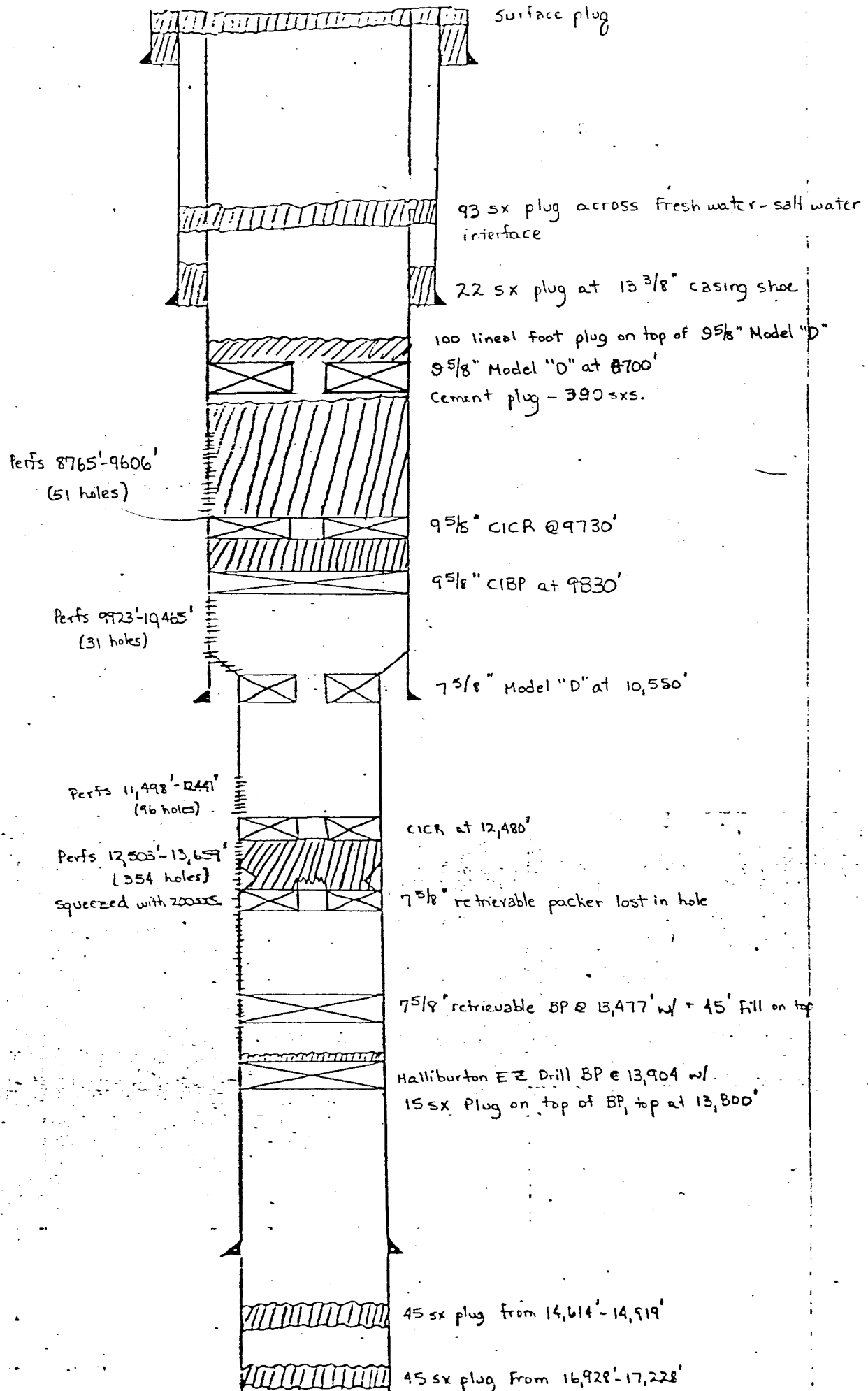
9. Weld 1/4" steel cover plate across 20" casing. Restore surface location. Set abandoned well marker. Marker should be minimum 4" in diameter and not less than 10' in length, of which 4' shall be above the ground level, the remainder being securely embedded in cement. The top of the pipe must be permanently sealed.

Note: Cementing operations to be witnessed by state agency representative.


G. L. Thompson

7/22/80
Date

PKD
for J.M. Berston
7/16/80
MEB:JL
MEB
7-11-80



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT TRIPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.	
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 831 Houston, Tx 77001 ATTN: P.G. GELING RM # 6459 WER		7. UNIT AGREEMENT NAME UTE	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2285' FNL + 2055' FEL Ser. 18		8. TERM OR LEASE NAME UNIT	
14. PERMIT NO.		9. WELL NO. 1-1885	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6117' GL		10. FIELD AND POOL, OR WILDCAT ALTAMONT	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA T2S R5W	
		12. COUNTY OR PARISH Duchesne	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

SEE ATTACHED

18. I hereby certify that the foregoing is true and correct

SIGNED

W. E. N. KELLDORF

TITLE **DIVISION PROD. ENGINEER**

DATE **8-20-81**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 344
ISSUED 07/29/81

WELL: UIE 1-1885
LABEL: FIRST REPORT
AFF: AFF NO. 594536
FOREMAN: KENT RUST
RTG: WOV NO. 17
OBJECTIVE: PERMANENTLY PLUG AND ABANDON
AUTH. AMNT: \$6000
DAILY COST: \$500
CUM COST: \$500
DATE: 6-25-26-81
ACTIVITY: 6-25-81 ACTIVITY: THIS AFF 594536 PROVIDES FUNDS
02 TO PERMANENTLY PLUG AND ABANDON THIS WELL MOVED
03 TO LOCATION AND SET UP HAD TROUBLE GETTING RIG TO
04 LOCATION SOON
05 6-26-81 ACTIVITY: REMOVED WELLHEAD AND PUT ON BOP
06 RELEASED TBG FROM BAKER MODEL D PACKER POOH WITH
07 27/8 IN. TBG AND GAS LIFT MANDRELS LAY DOWN MANDRELS
08 RIH WITH TBG AND STING INTO PKR SET UP RIG TO PUMP
09 CEMENT SOON

LABEL: 810702
DAILY COST: \$550
CUM COST: \$4900
DATE: 6-27-29-81
ACTIVITY: 6-27-81 ACTIVITY: RIG UP HALIBURTON PUMPED 500 BBL
02 OF CLASS H CEMENT DOWN TBG CEMENT FROM PBD (9720 FT.)
03 TO PKR (8700 FT.) RELEASE FROM PKR CAME UP HOLE 800 FT.
04 AND FINISH PUMPING CEMENT CEMENTED PKR IN AND 300 FT.
05 ABOVE PKR CIRCULATED 700 BBL 9.2 MUD 50 V:S IN HOLE
06 PRESSURED UP TO 200 PSI AND HELD ON CEMENT NO TROUBLE
07 HOLDING 2000 PSI SOON
08 6-29-81 ACTIVITY: ATTEMPT TO PULL OUT OF HOLE TBG COULD
09 NOT PULL TBG OUT OF HOLE PULLED 120000 ON THE TBG AND
10 WOULD NOT COME WORKED WITH TBG UP DOWN AND COULD NOT
11 RELEASE TBG RIG UP DIA-LOG RIH WITH DIA-LOG TO FIND FREE
12 POINT TBG WAS STUCK @ 7971 FT. POOH WITH FREE POINT
13 INDICATOR RIH WITH JET CUTTER TO CUT TBG CUT TBG @ 7950
14 FT. LEFT 21/2 JOINTS OF 27/8 IN. TBG IN BOTTOM OF HOLE
15 POOH WITH JET CUTTER RIG DOWN DIA-LOG START OUT OF HOLE
16 WITH 27/8 IN. TBG SOON

ALIAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 344
ISSUED 07/29/81

LABEL: 810705
DAILY COST: 5600
CUM COST: 39650
DATE: 6-30-81 AND 7-1-81
ACTIVITY: 6-30-81 ACTIVITY: FINISH COMING OUT OF HOLE WITH 27/8 IN. TBG LAID DOWN 170 JTS AFTER TALKING TO USGS (BILL MARTIN)
02 WE WILL TRY PUMPING DOWN 133/8 IN. BEFORE FINISH PLUGGING
03 95/8 IN. RIG UP HALIBURTON HOOK UP TO 137/8 IN. PUMPED 11
04 BBLs OF WTR DOWN 137/8 IN. BEFORE IT PRESSURED UP TO 2500
05 PSI AND HELD RIG UP OWP SHOT 3 HOLES IN 95/8 IN @ 4520
06 FT. AND 3 HOLES @ 2810 FT. AFTER SHOOTING HOLES @ 4520
07 PUMPED DOWN 95/8 IN WITH 50 BBL OF WTR PUMPED @ 10 BBL
08 PM AND COULD NOT GET ANY PRESSURE RIH WITH 95/8 IN BAKER
09 CEMENT RETAINER AND SET @ 4510 FT. RIG DOWN OWP SDON
10 7-1-81 ACTIVITY: RIH WITH TBG AND STING IN AND OUT OF 95/8 IN
11 CEMENT RETAINER RIG UP HALIBURTON PUMP 22 SACKS CLASS H
12 CEMENT W/4% CACL FOLLOWED BY 27.5 BBL OF WTR FOR TBG DIS-
13 PLACEMENT LET SET FOR 11/2 HR AND PRESSURED TESTED HOLE DID
14 NOT PLUG PUMPED 22 SACKS CLASS H CEMENT W/4% CACL FOLLOWED
15 BY 27.5 WTR WAIT 30 MIN PRESSURE TEST SHOWED CEMENT NOT
16 HOLDING PUMP 45 SACKS CLASS H CEMENT W/4% CACL LET SET FOR
17 2 HRS PRESSURE TESTED AND CEMENT NOT HOLDING PUMP 45 SACKS
18 CLASS H CEMENT W/4% CACL STING OUT OF RETAINER AND REVERSE
19 CIRCULATE TO CLEAN UP TBG SHUT IN HOLE AND LET CEMENT
20 SET OVERNIGHT SDON
21

LABEL: NONW
DAILY COST: 3400
CUM COST: 58750
DATE: 7-2-3-81
ACTIVITY: 7-2-81 ACTIVITY: RIG UP HALIBURTON. STING INTO
02 CEMENT RETAINER. PRESSURED UP TO 3000# BUT WAS
03 LEAKING. STUNG OUT OF RETAINER AND CIRCULATED CSG.
04 PUMPED 50 SACKS CLASS H CEMENT W/2PERCENT CACL AND
05 74
06 LOST CIRCULATION MATERIAL. SQUEEZED CEMENT INTO
07 HOLES AT 4520 FT. STUNG OUT OF RETAINER AND REVERSE
08 CIRCULATED CEMENT TO PIT. STUNG INTO RETAINER AND
09 PRESSURED TESTED TO 4000#. PHG OKAY. POOH WITH
10 79
11 54 JTS OF 2 7/8 IN TBG AND LAID DOWN. BOTTOM OF
12 TBG SETTING AT 2852 FT. PUMP 150 SACKS CLASS H

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 344
ISSUED 07/29/81

13 CEMENT WITH 2 PERCENT CACL AND LOST CIRCULATION MATERIAL.
14 BALANCE PLUGGED CEMENT. POOH WITH TRG AND LAID
15 ALL OF TRG DOWN. SHUT IN WELL. CLEAN RIG. SDON
16 7-3-81 ACTIVITY: REMOVE BOP AND ALL SPOOLS OFF THE
17 WELL. CUT OFF 9 5/8 IN CSG AND 13 3/8 IN CSG.
18 20 IN. CSG WAS CEMENTED OFF BELOW SURFACE. MIXED
19 20 SACKS OF CLASS H CEMENT AND PUT IN 9 5/8 IN AND
20 13 3/8 IN. CLEAN OUT CELLAR. WELDED 1/4 IN PLATE
21 ACROSS 13 3/8 IN AND PUT UP DRY HOLE MARKER. CLEAN
22 RIG AND EQUIPMENT. FINAL REPORT.

ANR

ANR Production Company
a subsidiary of The Coastal Corporation

RECEIVED
JAN 25 1988

012712

DIVISION OF
OIL, GAS & MINING

January 19, 1988

Natural Resources
Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Lisha Romero

N0675 ← This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company. N0235

ANR Production Company will begin reporting and remitting the Utah Conservation and Occupation Taxes effective December, 1987 production for leases previously reported by ANR Limited, Inc. (Utah Account No. N-7245). ANR Production Company will use the new Utah Account No. N-0675, as assigned by the State of Utah.

Please contact me at (713) 877-6167 if I can answer any questions on this matter.

Very truly yours,

Roger W. Sparks
Roger W. Sparks
Manager, Crude Revenue Accounting

The computer shows the ANR Limited wells listed under account no. N0235.
DTS
1-26-88

CC: AWS

CTE:mmw

Lisha,

I don't see any problem w/this. I gave a copy to Arlene so she could check on the bond situation. She didn't think this would affect their bond as the bond is set up for Coastal and its subsidiaries (ANR, etc.) No Entity Number changes are necessary. DTS 1-26-88

^{25 4w 3}
 43-013-30048 WSTC 1525 PA (1-03B4) ✓
^{25 3w 4}
 43-013-30337 UNTA 99996 SDW #2-4B3 ✓
^{25 5w 27}
 43-013-30340 UNTA 99996 SDW #2-27B5 ✓
^{15 4w 29}
 43-013-30276 WSTC 1831 PA 1-29A4 ✓
^{25 2w 13}
 43-013-30366 WSTC 1905 ~~POW~~ 1-13B2 ✓
^{15 3w 25}
 43-013-30370 WSTC 1920 ~~POW~~ 1-25A3 (Cont.) ✓
^{25 4w 23}
 43-013-30038 GR-WS 1970 TA 2-23B4 ✓
^{25 4w 23}
 43-013-30038 GRU 1970 TA 1-23B4 ✓
^{25 5w 18}
 43-013-30058 WSTC 99998 PPA 1-18B5 ✓
^{15 4w 27}
 43-013-30266 UNTA SDW 99996 1-27A4 ✓
^{25 5w 11}
 43-013-30391 UNTA 99996 SDW 2-11B5 ✓
^{25 3w 3}
 43-013-37193 Orl. 99999 2-3-B3 ✓
^{25 4w 1}
 43-013-31197 Orl. — 2-1-B4 ✓
^{15 3w 22}
 43-013-30357 GRU 1885 POW 1-22A3 ✓
^{25 2w 20}
 43-047-30186 GR-WS 1875 POW 1-20B2E ✓